ประวัตินักวิจัย

นายบรรเจิด จงสมจิตร

ตำแหน่ง: รองศาสตราจารย์

ที่ทำงาน: ภาควิชาวิศวกรรมเคมี
คณะวิศวกรรมศาสตร์
จุฬาลงกรณ์มหาวิทยาลัย
เขตพญาไท กรุงเทพฯ 10330

อีเมล: bunjerd.j@chula.ac.th

ที่อยู่ (ทะเบียนบ้าน): 2/57 หมู่ 5 ต. ท่ามะขาม
อ. เมือง จ. กาญจนบุรี 71000

วันเดือนปีเกิด: 9 สิงหาคม 2510

สถานที่เกิด: จังหวัดหนองคาย

การศึกษา:

ปี	วุฒิการศึกษา	สถาบัน
2545	ปริญญาเอก สาขาวิศวกรรมเคมี	University of Pittsburgh, PA, USA
2542	ปริญญาโท สาขาวิศวกรรมเคมี	Colorado School of Mines, CO, USA
2533	ปริญญาตรี สาขาวิทยาศาสตร์ (เคมี) เกียรตินิยมอันดับสอง	มหาวิทยาลัยเกษตรศาสตร์

สาขาที่เชี่ยวชาญ: การเร่งปฏิกิริยาแบบวิวิธพันธุ์ & ตัวเร่งปฏิกิริยาสำหรับการพอลิเมอร์ไรเซชันของโอเลฟิน

ประสบการณ์การทำงาน:

ปี	ตำแหน่ง	สถาบัน/องค์กร
2545-ปัจจุบัน	อาจารย์	ภาควิชาวิศวกรรมเคมี คณะวิศวกรรมศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย
2539-2545	นักเรียนทุนรัฐบาน	Colorado School of Mines, CO, USA University of Pittsburg, PA, USA
2533-2539	หัวหน้าแผนกส่งเสริมการผลิต	บริษัท ไทยวนภัณฑ์ จำกัด กลุ่มวัสดุก่อสร้าง เครือซีเมนต์ไทย

การฝึกอบรมด้านวิจัย:

ช่วงเวลา	กิจกรรม
15 มีนาคม - 31 พฤษภาคม 2548	**ฝึกอบรมวิจัยเรื่อง "*In situ* polymerization via nano-particles-supported metallocene catalysts: a promising way for making polymer nanocomposites" ณ Hiroshima University ฮิโรชิมา ประเทศญี่ปุ่น**
19-30 มกราคม 2547	**เยี่ยมชมศูนย์วิจัยด้านนาโนเทคโนโลยีในประเทศแถบยุโรป ได้แก่ อิตาลี อังกฤษ เนเธอร์แลนด์ เยอรมันนี และสวิซเซอร์แลนด์**
1 สิงหาคม - 31 ธันวาคม 2546	ฝึกอบรมวิจัยเรื่อง "Supported metallocene catalysts for living polymerization of propene" ณ Tokyo Institute of Technology, โตเกียว ประเทศญี่ปุ่น

กิจกรรมบริการวิชาการอื่น ๆ :

เป็นผู้ประเมินบทความวิจัยต่างประเทศ ดังนี้

สำนักพิมพ์	วารสาร
The American Chemical Society	Journal of Physical Chemistry
	Industrial & Engineering Chemistry Research
	Chemical Reviews
Elsevier	Applied Catalysis A: General
	Catalysis Communications
	Materials Chemistry and Physics
	European Polymer Journal
	Chemical Engineering Journal
	Polymer
	Journal of Alloys and Compounds
	International Journal of Hydrogen Energy
	Inorganic Chemistry Communications
	Fuel Processing Technology
	Journal of Industrial & Engineering Chemistry
Springer	Catalysis Letters
	Polymer Bulletin
Willey	Journal of Applied Polymer Science
	Macromolecular Reaction Engineering

อื่น ๆ

Polymers & Polymer Composites

Iranian Polymer Journal

เป็นกองบรรณาธิการ (Editorial Board) วารสาร "the Open Catalysis Journal"

ประกาศเกียรติคุณ:

ปี	รางวัล
2553	นักวิจัยดีเด่น สาขาวิทยาศาสตร์และเทคโนโลยี
	(กองทุนรัชดาภิเษกสมโภช จุฬาลงกรณ์มหาวิทยาลัย)
2552	ผลงานวิจัยดีมาก
	(กองทุนรัชดาภิเษกสมโภช จุฬาลงกรณ์มหาวิทยาลัย)
2550	รางวัลนักวิจัยรุ่นใหม่ดีเด่น
	(สำนักงานกองทุนสนับสนุนการวิจัยและคณะกรรมการอุดมศึกษาแห่งชาติ)
2548	ผลงานวิจัยดีมาก
	(กองทุนรัชดาภิเษกสมโภช จุฬาลงกรณ์มหาวิทยาลัย)
2547	ผลงานวิจัยดีเด่น
	(กองทุนรัชดาภิเษกสมโภช จุฬาลงกรณ์มหาวิทยาลัย)
2545	KOKES Student Award
	(17^{th} North American Catalysis Conference, Toronto, Canada)

ทุนวิจัยที่ได้รับ:

ปี	แหล่งทุน
2552-2555	ทุนวิจัยพื้นฐานเชิงยุทธศาสตร์ "นาโนศาสตร์และนาโนเทคโนโลยี" (TRF-CHE)
2550-2553	ทุนพัฒนาการทำงานวิจัยของอาจารย์รุ่นกลางในสถาบันอุดมศึกษา (TRF-CHE)
2550-2552	ทุนวิจัยงบประมาณแผ่นดิน (NRCT)
2548-2550	ทุนพัฒนาการทำงานวิจัยของอาจารย์รุ่นใหม่ในสถาบันอุดมศึกษา (TRF-CHE)
2548-2549	ทุนพัฒนาอาจารย์ใหม่ (NSTDA)
2547-2549	ทุนวิจัยงบประมาณแผ่นดิน (NRCT)
2546-2548	ทุนพัฒนาการทำงานวิจัยของอาจารย์รุ่นใหม่ในสถาบันอุดมศึกษา (TRF-CHE)
2546-2547	ทุนพัฒนาอาจารย์ใหม่ (กองทุนรัชดาภิเษกสมโภช จุฬาลงกรณ์มหาวิทยาลัย)

บทความวิจัยในระดับนานาชาติ (Bunjerd Jongsomjit)

ณ วันที่ 2 สิงหาคม 2554

No.	Title	Journal	Year	Volume & Page number	Author	Impact Factor (JCR)
80	Preparation and characterization of CeO_2/TiO_2 nanoparticles by flame spray pyrolysis	*Ceramics International*	**2011**	37, 1459-1463	Choowong Chaisuk, Anusara Wehatoranawee, Sirichai Preampiyawat, Sirirat Netiphat, Artiwan Shotipruk, Joongjai Panpranot, **Bunjerd Jongsomjit**, Okorn Mekasuwandumrong	1.773
79	Influence of flame conditions on the dispersion of Pd on the flame spray-derived Pd/TiO_2 nanoparticles	*Powder Technology*	**2011**	210, 328-331	Okorn Mekasuwandumrong, Songphon Phothakwanpracha, **Bunjerd Jongsomjit**, Artiwan Shotipruk, Joongjai Panpranot	1.745
78	The influence of the t-butyl and cyclododecyl substitution based on ansa-fluorenylamidodimethyltitanium derivatives on ethylene/1-hexene copolymerization	*Molecules*	**2011**	16, 4122-4130	Patcharaporn Kaivalchatchawal, Piyasan Praserthdam, Yuuichi Sogo, Zhengguo Cai, Takeshi Shiono, **Bunjerd Jongsomjit**	1.738
77	Effect of calcination treatment of zirconia on W/ZrO_2 catalysts for transesterification	*Fuel Processing Technology*	**2011**	92, 1537-1542	Nichapat Senso, **Bunjerd Jongsomjit**, Piyasan Praserthdam	2.321
76	Effect of Ga modification on different pore size silicas in synthesis of LLDPE by copolymerization of ethylene and 1-hexene with [t-$BuNSiMe_2Flu$]$TiMe_2$/MMAO catalyst	*Polymer Bulletin*	**2011**	66, 1301-1312	Ekrachan Chaichana, Supaporn Khaubunsongserm, Piyasan Praserthdam, **Bunjerd Jongsomjit**	1.014
75	Effect of nanocrystalline χ-Al_2O_3 structure on the catalytic behaviors of Co/Al_2O_3 in CO hydrogenation	*Catalysis Today*	**2011**	164, 302-307	Wasu Chaitree, Sirithan Jiemsirilers, Okorn Mekasuwandumrong, **Bunjerd Jongsomjit**, Artiwan Shotipruk, Joongjai Panpranot	3.526
74	The influence of comonomer on ethylene/α-olefins copolymers derived from [Bis(N-(3-tert butylsalicylidene) anilinato)] titanium (IV) dichloride complex	*Molecules*	**2011**	16, 1655-1666	Patcharaporn Kaivalchatchawal, Pattiya Suttipitakwong, Sutheerawat Samingprai, Piyasan Praserthdam, **Bunjerd Jongsomjit**	1.738
73	Synthesis of $LLDPE/TiO_2$ nanocomposites by in situ polymerization with zirconocene /dMMAO catalyst: Effect of [Al]/[Zr] ratios and TiO_2 phases	*Polymer Bulletin*	**2011**	66, 479-490	Wathanyoo Owpradit, Okorn Mekasuwandumrong, Joongjai Prapranot, Artiwan Shotipruk, **Bunjerd Jongsomjit**	1.014
72	Behavior of in ethylene polymerization of $MgCl_2$-$SiO_2/TiCl_4$/THF Ziegler-Natta catalysts with differently treated SiO_2	*Molecules*	**2011**	16, 1323-1335	Nichapat Senso, **Bunjerd Jongsomjit**, Piyasan Praserthdam	1.738
71	Observation of different catalytic activity of various 1-olefins during ethylene/1-olefin copolymerization with homogeneous metallocene catalysts	*Molecules*	**2011**	16, 373-383	Mingkwan Wannaborworn, Piyasan Praserthdam, **Bunjerd Jongsomjit**	1.738
70	Influence of mixed activators on ethylene polymerization and ethylene/1-hexene copolymerization with silica-supported Ziegler-Natta catalyst	*Molecules*	**2010**	15, 9323-9339	Nichapat Senso, Supaporn Khaubunsongserm, **Bunjerd Jongsomjit**, Piyasan Praserthdam	1.738
69	Application of sulfonated carbon-based catalyst for reactive extraction of 1,3-propanediol from model fermentation mixture	*Industrial & Engineering Chemistry Research*	**2010**	49, 12352-12357	Panatpong Boonoun, Navadol Laosiripojana, Chirakarn Muangnapoh, **Bunjerd Jongsomjit**, Joongjai Panpranot,	1.758

68	Investigation of different modifiers for nanocrystal zirconia on W/ZrO_2 catalysts via esterification	*Journal of Industrial and Engineering Chemistry*	**2010**	16, 935-940	Okorn Mekasuwandumrong, Artiwan Shotipruk*, Supareak Praserthdam, Peangpit Wongmaneenil, **Bunjerd Jongsomjit***	1.752
67	Study on solvent/alkoxide molar rations on synthesis of zirconia nanoparticles for tungstated zirconia catalysts over esterification	*Catalysis Letters,*	**2010**	139, 42-49	Peangpit Wongmaneenil, **Bunjerd Jongsomjit***, Piyasan Praserthdam	2.021
66	Transesterification of palm oil and esterification of palm fatty acid in near- and super-critical methanol with SO_4-ZrO_2 catalysts	*Fuel*	**2010**	89, 2387-2392	Akaraphol Petchmala, Navadol Laosiripojana, **Bunjerd Jongsomjit**, Motonobu Goto, Joongjai Panpranot, Okorn Mekasuwandumrong, Artiwan Shotipruk*	3.179
65	Liquid-phase selective hydrogenation of 1-heptyne over Pd/TiO2 catalyst synthesized by one-step flame spray pyrolysis	*Catalysis Letters*	**2010**	136, 167-170	Okorn Mekasuwandumrong, Songphon Phothakwanpracha, **Bunjerd Jongsomjit**, Artiwan Shotipruk, Joongjai Panpranot*	2.021
64	The role of zirconia surface on catalytic activity of tungstated zirconia via two-phase esterification of acetic acid and 1-heptanol	*Catalysis Letters*	**2010**	136, 134-140	Kanokwan Ngaosuwan, **Bunjerd Jongsomjit**, Piyasan Praserthdam*	2.021
63	Isosynthesis via CO hydrogenation over SO_4-ZrO_2 catalysts	*Journal of Industrial and Engineering Chemistry*	**2010**	16, 411-418	Nicha Tangchupong, Watcharapong Khaodee, **Bunjerd Jongsomjit**, Navadol Laosiripojana, Piyasan Praserthdam, Suttichai Assabumrungrat*	1.752
62	Solvent effect on synthesis of zirconia support for tungstated zirconia catalysts	*Journal of Industrial & Engineering Chemistry*	**2010**	16, 327-333	Peangpit Wongmaneenil, **Bunjerd Jongsomjit***, Piyasan Praserthdam	1.752
61	Ethylene/1-hexene copolymer derived from [t-butylfluorenylsilyl-amido] dimethyl titanium complex	*Express Polymer Letters*	**2010**	4, 94-100	Ekrachan Chaichana, Supaporn Khaubunsongserm, Piyasan Praserthdam, **Bunjerd Jongsomjit***	1.452
60	Effect of calcination temperature on characteristics of sulfated zirconia and its application as catalyst for isosynthesis	*Fuel Processing Technology*	**2010**	91, 121-126	Nicha Tangchupong, Watcharapong Khaodee, **Bunjerd Jongsomjit**, Navadol Laosiripojana, Piyasan Praserthdam, Suttichai Assabumrungrat*	2.321
59	Ethylene/1-octene copolymerization over Ga-modified SiO_2-supported zirconocene/MMAO catalyst using in situ impregnation method	*Iranian Polymer Journal*	**2009**	18, 969-979	Mingkwan Wannaborworn, **Bunjerd Jongsomjit***	0.932
58	**Observation on different turnover number in two-phase acid catalyzed esterification of dilute acetic and 1-heptanol**	*Catalysis Letters*	**2009**	130, 583-587	Supareak Praserthdam, **Bunjerd Jongsomjit***	2.021
57	Catalytic behaviors of SiO_2-supported various aluminoxanes as coactivator in $MgCl_2$/DEP/$TiCl_4$-TEA catalysts for propylene polymerization	*Catalysis Communications*	**2009**	10, 1319-1323	Kitti Tangjituabun, **Bunjerd Jongsomjit***, Piyasan Praserthdam	3.000
56	Influence of calcination treatment on the activity of tungstated zirconia catalysts towards esterification	*Catalysis Communications*	**2009**	10, 1079-1084	Peangpit Wongmaneenil, **Bunjerd Jongsomjit**, Piyasan Praserthdam*	3.000
55	A study on characteristics and catalytic properties of Co/ZrO_2-B	*Catalysis Letters*	**2009**	128, 119-126	Nithinart Chitpong, Piyasan Praserthdam,	2.021

	catalysts towards methanation				**Bunjerd Jongsomjit***	
54	A study on isosynthesis via CO hydrogenation over ZrO_2-CeO_2 mixed oxide catalysts	*Catalysis Communications*	**2009**	10, 494-501	Watcharapong Khaodee, Nicha Tangchupong, **Bunjerd Jongsomjit**, Piyasan Praserthdam, Suttichai Assabumrungrat*	3.000
53	Investigation of diene addition on ethylene-propylene (EP) copolymerization with a zirconocene catalyst: effects of diene types and E/P ratios	*Journal of Materials Processing Technology,*	**2009**	209, 520-524	Sireethorn Phoowakeereewiwat, **Bunjerd Jongsomjit***, Piyasan Praserthdam	1.420
52	Surface defect (Ti^{3+}) controlling in the first step on the anatase TiO_2 nanocrystal by using sol-gel technique	*Applied Surface Science*	**2008**	255, 2759-2766	Kongkiat Suriye, **Bunjerd Jongsomjit**, Chairit Satayaprasert, Piyasan Praserthdam*	1.616
51	Poisoning of active sites on Ziegler-Natta catalyst for propylene polymerization	*Chinese Journal of Polymer Science,*	**2008**	26, 547-552	Kitti Tangjituabun, Sang Yull Kim, Yuichi Hiraoka, Toshiaki Taniike, Minoru Terano*, **Bunjerd Jongsomjit**, Piyasan Praserthdam	0.644
50	Effect of supports and solvents on ethylene polymerization with titanium complex consisting of phenoxy-imine ligands/dMMAO catalytic system	*Journal of Molecular Catalysis A: Chemical*	**2008**	294, 1-7	Sonthaya Srijumnong, **Bunjerd Jongsomjit***, Pattiya Suttipitakwong Piyasan Praserthdam	3.135
49	A comparative study on synthesis of LLDPE/TiO_2 nanocomposites using different TiO_2 by in situ polymerization with zirconocene/dMMAO catalyst	*Materials Chemistry and Physics*	**2008**	112, 954-961	Wathanyoo Owpradit, **Bunjerd Jongsomjit***	2.015
48	Synthesis of cobalt on cobalt-aluminate via solvothermal method and its catalytic properties for carbon monoxide hydrogenation	*Catalysis Communications*	**2008**	10, 232-236	Sirirat Rojanapipatkul, **Bunjerd Jongsomjit***	3.000
47	Copolymerization of ethylene/1-octene via different pore sized silica-based supported zirconocene/dMMAO catalysts	*Catalysis Communications*	**2008**	10, 118-122	Pongsathorn Wongwaiwattanakul, **Bunjerd Jongsomjit***	3.000
46	Effect of various poisoning compounds on activity and stereospecificity of heterogeneous Ziegler-Natta catalyst	*Science and Technology of Advanced Materials*	**2008**	9, 024402 (4pp)	Kitti Tangjituabun, Sang Yull Kim, Yuichi Hiraoka, Toshiaki Taniike, Minoru Terano*, **Bunjerd Jongsomjit**, Piyasan Praserthdam	2.599
45	Characterization of cobalt dispersed on various micro- and nanoscale silica and zirconia supports	*Catalysis Letters*	**2008**	124, 376-383	Sujittra Kittiruangrayab, Tanuchanun Burakorn, **Bunjerd Jongsomjit***, Piyasan Praserthdam	2.021
44	Characterization of cobalt dispersed on the mixed nano-Al_2O_3-ZrO_2 supports	*Journal of Materials Processing Technology*	**2008**	206, 352-358	Tanuchnun Burakorn, Joongjai Panpranot, Okorn Mekasuwandumrong, Choowong Chaisak, Piyasan Praserthdam, **Bunjerd Jongsomjit***	1.420
43	A comparative study of SiO_2-ZrO_2-supported zirconocene/MAO catalysts on ethylene/1-olefin copolymerization	*Catalysis Communications*	**2008**	9, 1426-1431	Tipawan Pothirat, **Bunjerd Jongsomjit***, Piyasan Praserthdam	3.000
42	Effect of Zr-modified SiO_2-supported metallocene/MAO catalyst on copolymerization of ethylene/1-octene	*Catalysis Letters*	**2008**	121, 266-273	Tipawan Pothirat, **Bunjerd Jongsomjit***, Piyasan Praserthdam	2.021
41	Impact of bimodal pore MCM-41-supported zirconocene/dMMAO catalyst on copolymerization of ethylene/1-octene	*Catalysis Communications*	**2008**	9, 789-795	Sirinlak Bunchongturakarn, **Bunjerd Jongsomjit***, Piyasan Praserthdam	3.000
40	Impact of temperature ramp during calcination on characteristics of nano-ZrO_2 and its catalytic activity for isosynthesis	*Journal of Molecular Catalysis A: Chemical*	**2008**	280, 35-42	Watcharapond Khaodee, **Bunjerd Jongsomjit**, Suttichai Assabunrungrat*, Piyasan Praserthdam, Shigeo Goto	3.135
39	Study of LLDPE/alumina nanocomposites synthesized by in situ polymerization with zirconocene/d-MMAO catalyst	*Catalysis Communications*	**2008**	9, 522-528	Chanathip Desharun, **Bunjerd Jongsomjit***, Piyasan Praserthdam	3.000

38	Effect of boron-modified MCM-41-supported dMMAO/zirconocene catalyst on copolymerization of ethylene/1-octene for LLDPE synthesis	*Iranian Polymer Journal*	**2007**	16, 549-559	Supaluk Jiamwijitkul, **Bunjerd Jongsomjit***, Piyasan Praserthdam	0.932
37	Impact of boron modification on MCM-41-supported cobalt catalysts for hydrogenation of carbon monoxide	*Catalysis Letters*	**2007**	118, 195-202	Pimchanok Tupabut, **Bunjerd Jongsomjit***, Piyasan Praserthdam	2.021
36	Observation of bimodal polyethylene derived from TiO_2-supported zirconocene/MAO catalyst during polymerization of ethylene and ethylene/1-hexene	*Catalysis Letters*	**2007**	117, 177-181	**Bunjerd Jongsomjit***, Sutti Ngamposri, Piyasan Praserthdam	2.021
35	Study of cobalt dispersion onto the mixed nano-SiO_2-ZrO_2 supports and its application as a catalytic phase	*Materials Chemistry and Physics*	**2007**	105, 14-19	**Bunjerd Jongsomjit***, Sujittra Kittiruangrayab, Piyasan Praserthdam	2.015
34	Characteristics and catalytic properties of [t-$BuNSiMe_2Flu$]$TiMe_2$/dMMAO catalyst dispersed on various supports towards ethylene/1-octene copolymerization	*Applied Catalysis A: General*	**2007**	327, 270-277	Chanintorn Ketloy, **Bunjerd Jongsomjit***, Piyasan Praserthdam	3.564
33	Impact of process variables on properties of polypropylene derived from the supported Ziegler-Natta and metallocene catalysts	*Iranian Polymer Journal*	**2007**	16, 123-131	Patinya Pipatpratanporn, **Bunjerd Jongsomjit***, Piyasan Praserthdam	0.932
32	Effect of surface sites of TiO_2 support on the formation of cobalt-support compound in Co/TiO_2 catalysts	*Catalysis Communications*	**2007**	8, 1772-1780	Kongkiat Suriye, Piyasan Praserthdam*, **Bunjerd Jongsomjit***	3.000
31	Effect of nanoscale SiO_2 and ZrO_2 as the fillers on the microstructure of LLDPE nanocomposites synthesized via in situ polymerization with zirconocene	*Materials Letters*	**2007**	61, 1376-1379	**Bunjerd Jongsomjit***, Joongjai Panpranot, Piyasan Praserthdam	1.940
30	Control of Ti^{3+}surface defect in TiO_2 nanocrystal using various calcination atmospheres as the first step for surface defect creation	*Applied Surface Science*	**2007**	253, 3849-3855	Kongkiat Suriye, Piyasan Praserthdam*, **Bunjerd Jongsomjit***	1.616
29	Effect of nano-SiO_2 particle size on the formation of LLDPE-SiO_2 nanocomposite synthesized via in situ polymerization with metallocene catalyst	*Chemical Engineering Science*,	**2007**	62, 899-905	Ekrachan Chaichana, **Bunjerd Jongsomjit***, Piyasan Praserthdam	2.136
28	Investigation of isosynthesis via CO hydrogenation over ZrO_2 and CeO_2 catalysts: effects of crystallite size, phase composition and acid-base sites	*Catalysis Communications*	**2007**	8, 548-556	Watcharapong Khaodee, **Bunjerd Jongsomjit***, Suttichai Assabumrungrat*, Piyasan Praserthdam, Shigeo Goto	3.000
27	Elucidation of reduction behaviors for Co/TiO_2 catalysts with various rutile/anatase ratios"	*Studies in Surface Science and Catalysis*	**2006**	159, 285-288	**Bunjerd Jongsomjit***, Tipnapa Wongsalee, Piyasan Praserthdam	-
26	Characteristics of LLDPE/ZrO_2 nanocomposite synthesized by the in situ polymerization using a zirconocene/MAO catalyst	*Iranian Polymer Journal*	**2006**	15, 431-437	**Bunjerd Jongsomjit***, Joongjai Panpranot, Mitsuhiro Okada, Takeshi Shiono, Piyasan Praserthdam	0.932
25	Effect of α-olefins on copolymerization with [*t*-$BuNSiMe_2Flu$]$TiMe_2$ catalysts	*Studies in Surface Science and Catalysis*	**2006**	161, 271-274	Nawaporn Intaragamjon, Takeshi Shiono*, **Bunjerd Jongsomjit*** Piyasan Praserthdam*	-
24	The Role of CaO in the Ziegler-Natta Catalyst for Propylene Polymerization	*Catalysis Letters*	**2006**	109, 147-152	Kitti Tangjituabun, **Bunjerd Jongsomjit** Piyasan Praserthdam*	2.021
23	Roles of ruthenium on reduction behaviors of ruthenium-promoted cobalt/titania Fischer-Tropsch catalyst	*Reaction Kinetics and Catalysis Letters*	**2006**	88, 65-71	**Bunjerd Jongsomjit***, Chitlada Sakdamnuson, Joongjai Panpranot, Piyasan Praserthdam	0.557
22	Elucidation of solvent effects on the catalytic behaviors for [t-$BuNSiMe_2Flu$]$TiMe_2$ complex during copolymerization of ethylene/1-hexene	*Catalysis Communications*	**2006**	7, 721-727	Nawaporn Intaragamjon, Takeshi Shiono*, **Bunjerd Jongsomjit***, Piyasan Praserthdam	3.000

21	**Effect of Zirconia-Modified Titania Consisting of Different Phases on Characteristics and Catalytic Properties of Co/TiO_2 Catalysts**	*Catalysis Letters*	**2006**	108, 55-61	Tipnapa Wongsalee, **Bunjerd Jongsomjit***, Piyasan Praserthdam	2.021
20	Catalytic behaviors of mixed TiO_2-SiO_2-supported cobalt Fischer-Tropsch catalysts for carbon monoxide hydrogenation	*Materials Chemistry and Physics*	**2006**	97, 343-350	**Bunjerd Jongsomjit***, Tipnapa Wongsalee, Piyasan Praserthdam	2.015
19	Differences in characteristics and catalytic properties of Co catalysts supported on micro- and nano-sized zirconia	*Catalysis Communications*	**2006**	7, 192-197	Joongjai Panpranot*, Nuttakarn Taochaiyaphum, **Bunjerd Jongsomjit**, Piyasan Praserthdam	3.000
18	Application of silica/titania mixed-oxide supported zirconocene catalyst for synthesis of linear low-density polyethylene	*Industrial & Engineering Chemistry Research*	**2005**	44, 9059-9063	**Bunjerd Jongsomjit***, Sutti Ngamposri, Piyasan Praserthdam	1.758
17	Characteristics and catalytic properties of Co/TiO_2 for various rutile:anatase ratios	*Catalysis Communications*	**2005**	6, 705-710	**Bunjerd Jongsomjit***, Tipnapa Wongsalee, Piyasan Praserthdam	3.000
16	Impact of diene addition on properties for ethylene-propylene copolymerization with rac-$Et[Ind]_2ZrCl_2$/MAO catalyst	*Materials Letters*	**2005**	59, 3771-3774	**Bunjerd Jongsomjit***, Sireethorn Phoowakeereewiwat, Supakanok Thongyai, Takeshi Shiono, Piyasan Praserthdam	1.940
15	Impact of Ti^{3+} present in titania on characteristics and catalytic properties of Co/TiO_2 catalyst	*Industrial & Engineering Chemistry Research*	**2005**	44, 6599-6604	Kongkiat Suriye, Piyasan Praserthdam*, **Bunjerd Jongsomjit**	1.758
14	Behaviors of ethylene/norbornene copolymerization with zirconocene catalysts	*Iranian Polymer Journal*	**2005**	14, 559-564	**Bunjerd Jongsomjit**, Apiradee Khotdee, and Piyasan Praserthdam*	0.932
13	Catalytic activity during copolymerization of ethylene and 1-hexene via mixed TiO_2/SiO_2-supported MAO with rac-$Et[Ind]_2ZrCl_2$ metallocene catalyst	*Molecules*	**2005**	10, 672-678	**Bunjerd Jongsomjit***, Sutti Ngamposri, Piyasan Praserthdam	1.738
12	Study of cobalt dispersion on titania consisting various rutile:anatase ratios	*Materials Chemistry and Physics*	**2005**	92, 572-577	**Bunjerd Jongsomjit***, Tipnapa Wongsalee, Piyasan Praserthdam	2.015
11	LLDPE/nano-silica composites synthesized via in situ polymerization of ethylene/1-hexene with MAO/metallocene catalyst	*Journal of Materials Science*	**2005**	40, 2043-2045	**Bunjerd Jongsomjit***, Ekkrachan Chaichana, Piyasan Praserthdam	1.471
10	Role of titania in TiO_2-SiO_2 mixed oxides-supported metallocene catalyst during ethylene/1-octene copolymerization	*Catalysis Letters*	**2005**	100, 139-146	**Bunjerd Jongsomjit***, Sutti Ngamposri, Piyasan Praserthdam	2.021
9	Dependence of crystalline phases in titania on catalytic properties during CO hydrogenation of Co/TiO_2 catalysts	*Materials Chemistry and Physics*	**2005**	89, 395-401	**Bunjerd Jongsomjit***, Chitlada Sakdamnuson, Piyasan Praserthdam	2.015
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7	Effect of silane-modified silica/MAO-supported $Et[Ind]_2ZrCl_2$ metallocene catalyst on copolymerization of ethylene"	*European Polymer Journal*	**2004**	40, 2813-2817	**Bunjerd Jongsomjit**, Paninee Kaewkrajang, Piyasan Praserthdam*	2.310
6	A Comparative Study of Supporting Effect during Copolymeization of Ethylene/1-Olefins with Silica-Supported Zirconocene/MAO catalyst	*Materials Chemistry and Physics*	**2004**	86, 243-246	**Bunjerd Jongsomjit***, Piyasan Praserthdam, Paninee Kaewkrajang	2.015
5	Co-Support Compound Formation in Titania-Supported Cobalt Catalysts	*Catalysis Letters*	**2004**	94, 209-215	**Bunjerd Jongsomjit***, Chitlada Sakdamnuson, James G. Goodwin, Jr., Piyasan Praserthdam	2.021

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3	Effect of Zirconia-Modified Alumina on the Properties of $Co/\gamma\text{-}Al_2O_3$ Catalysts	*Journal of Catalysis*	**2003**	215, 66-77	**Bunjerd Jongsomjit**, Joongjai Panpranot, James G. Goodwin, Jr.*	5.288
2	Co-Support Compound Formation in Co/Al_2O_3 Catalysts: Effect of Reduction Gas Containing CO	*Catalysis Today*	**2002**	77, 191-204	**Bunjerd Jongsomjit,** James G. Goodwin, Jr.*	3.526
1	Co-Support Compound Formation in Alumina-Supported Cobalt Catalysts	*Journal of Catalysis*	**2001**	204, 98-108	**Bunjerd Jongsomjit**, Joongjai Panpranot, James G. Goodwin, Jr.*	5.288