

Tijana Rajh

List of Publications by Year in descending order

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130
papers

14,977
citations

23544

58
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17580

121
g-index

132
all docs

132
docs citations

132
times ranked

19015
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled nâ€Doping of Naphthaleneâ€Diimideâ€Based 2D Polymers. <i>Advanced Materials</i> , 2022, 34, e2101932.	11.1	13
2	Photonic microresonator based sensor for selective nitrate ion detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 328, 129027.	4.0	13
3	Visualizing Heterogeneity of Monodisperse CdSe Nanocrystals by Their Assembly into Three-Dimensional Supercrystals. <i>ACS Nano</i> , 2020, 14, 14989-14998.	7.3	4
4	Ultrafast formation of a transient two-dimensional diamondlike structure in twisted bilayer graphene. <i>Physical Review B</i> , 2020, 102, .	1.1	8
5	Ultrafast Imaging the Evanescent Electromagnetic Field of Nanostructures by UEM. <i>Microscopy and Microanalysis</i> , 2020, 26, 428-429.	0.2	0
6	Synthesis of Honeycombâ€Structured Beryllium Oxide via Graphene Liquid Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15734-15740.	7.2	18
7	Unusual Reduction of Graphene Oxide by Titanium Dioxide Electrons Produced by Ionizing Radiation: Reaction Products and Mechanism. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5425-5435.	1.5	4
8	Epitaxial Er-doped Y2O3 on silicon for quantum coherent devices. <i>APL Materials</i> , 2020, 8, .	2.2	23
9	Energy Transfer Induced by Dye Encapsulation in a Hybrid Nanoparticleâ€Purple Membrane Reversible Assembly. <i>Advanced Functional Materials</i> , 2019, 29, 1904899.	7.8	8
10	Semi-artificial Photosynthetic CO ₂ Reduction through Purple Membrane Re-engineering with Semiconductor. <i>Journal of the American Chemical Society</i> , 2019, 141, 11811-11815.	6.6	44
11	Lightâ€Gated Synthetic Protocells for Plasmonâ€Enhanced Chemiosmotic Gradient Generation and ATP Synthesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4896-4900.	7.2	41
12	Atomistic manipulation of reversible oxidation and reduction in Ag with an electron beam. <i>Nanoscale</i> , 2019, 11, 10756-10762.	2.8	14
13	Lightâ€Gated Synthetic Protocells for Plasmonâ€Enhanced Chemiosmotic Gradient Generation and ATP Synthesis. <i>Angewandte Chemie</i> , 2019, 131, 4950-4954.	1.6	12
14	Facet-dependent active sites of a single Cu2O particle photocatalyst for CO2 reduction to methanol. <i>Nature Energy</i> , 2019, 4, 957-968.	19.8	349
15	Design of lithium cobalt oxide electrodes with high thermal conductivity and electrochemical performance using carbon nanotubes and diamond particles. <i>Carbon</i> , 2018, 129, 702-710.	5.4	27
16	Understanding and Curing Structural Defects in Colloidal GaAs Nanocrystals. <i>Nano Letters</i> , 2017, 17, 2094-2101.	4.5	34
17	Nitrite Reduction to Nitrous Oxide and Ammonia by TiO ₂ Electrons in a Colloid Solution via Consecutive One-Electron Transfer Reactions. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2307-2312.	1.1	21
18	Direct Evidence of Chelated Geometry of Catechol on TiO ₂ by a Combined Solid-State NMR and DFT Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 23625-23630.	1.5	55

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19	Molecular deposition of a macrocyclic cobalt catalyst on TiO ₂ nanoparticles. <i>Journal of Molecular Catalysis A</i> , 2016, 423, 293-299.	4.8	10
20	Solar hydrogen generation over CdS incorporated in Ti-MCM-48 mesoporous materials under visible light illumination. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4106-4119.	3.8	19
21	Visualizing Redox Dynamics of a Single Ag/AgCl Heterogeneous Nanocatalyst at Atomic Resolution. <i>ACS Nano</i> , 2016, 10, 3738-3746.	7.3	61
22	Nanostructured Layered Cathode for Rechargeable Mg-Ion Batteries. <i>ACS Nano</i> , 2015, 9, 8194-8205.	7.3	181
23	Nitric Oxide Reduction to Ammonia by TiO ₂ Electrons in Colloid Solution via Consecutive One-Electron Transfer Steps. <i>Journal of Physical Chemistry A</i> , 2015, 119, 2760-2769.	1.1	11
24	Evolution of Self-Assembled ZnTe Magic-Sized Nanoclusters. <i>Journal of the American Chemical Society</i> , 2015, 137, 742-749.	6.6	58
25	Preparation of TiO ₂ @SiO ₂ aperiodic mesoporous materials with controllable formation of tetrahedrally coordinated Ti ⁴⁺ ions and their performance for photocatalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 127-136.	3.8	29
26	A bioinspired redox relay that mimics radical interactions of the Tyr ⁶⁸ His pairs of photosystem II. <i>Nature Chemistry</i> , 2014, 6, 423-428.	6.6	133
27	Insight into band positions and inter-particle electron transfer dynamics between CdS nanoclusters and spatially isolated TiO ₂ dispersed in cubic MCM-48 mesoporous materials: a highly efficient system for photocatalytic hydrogen evolution under visible light illumination. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2048-2061.	1.3	17
28	Titanium Dioxide in the Service of the Biomedical Revolution. <i>Chemical Reviews</i> , 2014, 114, 10177-10216.	23.0	254
29	Enhanced autonomic shutdown of Li-ion batteries by polydopamine coated polyethylene microspheres. <i>Journal of Power Sources</i> , 2014, 269, 735-739.	4.0	35
30	Photoinduced Electron Transfer Pathways in Hydrogen-Evolving Reduced Graphene Oxide-Boosted Hybrid Nano-Bio Catalyst. <i>ACS Nano</i> , 2014, 8, 7995-8002.	7.3	55
31	Toward Lithium Ion Batteries with Enhanced Thermal Conductivity. <i>ACS Nano</i> , 2014, 8, 7202-7207.	7.3	54
32	Nanostructured TiO ₂ /Polypyrrole for Visible Light Photocatalysis. <i>Journal of Physical Chemistry C</i> , 2013, 117, 15540-15544.	1.5	121
33	Synthesis-Dependent Oxidation State of Platinum on TiO ₂ and Their Influences on the Solar Simulated Photocatalytic Hydrogen Production from Water. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16850-16862.	1.5	40
34	Intercalation of Sodium Ions into Hollow Iron Oxide Nanoparticles. <i>Chemistry of Materials</i> , 2013, 25, 245-252.	3.2	104
35	Probing the Nature of Bandgap States in Hydrogen-Treated TiO ₂ Nanowires. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26821-26830.	1.5	54
36	In Situ Visualization of Self-Assembly of Charged Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2013, 135, 3764-3767.	6.6	183

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37	High-Performance Bioassisted Nanophotocatalyst for Hydrogen Production. <i>Nano Letters</i> , 2013, 13, 3365-3371.	4.5	72
38	CO ₂ Preactivation in Photoinduced Reduction via Surface Functionalization of TiO ₂ Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 475-479.	2.1	30
39	Facile Oxidative Conversion of TiH ₂ to High-Concentration Ti ³⁺ -Self-Doped Rutile TiO ₂ with Visible-Light Photoactivity. <i>Inorganic Chemistry</i> , 2013, 52, 3884-3890.	1.9	171
40	Ultrafast Charge Separation from Highly Reductive ZnTe/CdSe Type II Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2052-2058.	2.1	38
41	Nanostructured Bilayered Vanadium Oxide Electrodes for Rechargeable Sodium-Ion Batteries. <i>ACS Nano</i> , 2012, 6, 530-538.	7.3	313
42	Self-Improving Anode for Lithium-Ion Batteries Based on Amorphous to Cubic Phase Transition in TiO ₂ Nanotubes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 3181-3187.	1.5	110
43	Cross-linked Heterogeneous Nanoparticles as Bifunctional Probe. <i>Chemistry of Materials</i> , 2012, 24, 2423-2425.	3.2	17
44	Room Temperature Synthesis of Tiâ€“MCM-48 and Tiâ€“MCM-41 Mesoporous Materials and Their Performance on Photocatalytic Splitting of Water. <i>Journal of Physical Chemistry C</i> , 2012, 116, 1605-1613.	1.5	90
45	Sa1617 In Vivo Assessments of EGFR Expression Using Confocal Laser Endomicroscopy in Experimental Models of Colon Cancer. <i>Gastrointestinal Endoscopy</i> , 2012, 75, AB222-AB223.	0.5	0
46	Speciation of $\langle \text{sc} \rangle$ -DOPA on Nanorutile as a Function of pH and Surface Coverage Using Surface-Enhanced Raman Spectroscopy (SERS). <i>Langmuir</i> , 2012, 28, 17322-17330.	1.6	32
47	Hollow Iron Oxide Nanoparticles for Application in Lithium Ion Batteries. <i>Nano Letters</i> , 2012, 12, 2429-2435.	4.5	369
48	Dynamics of Interfacial Charge Transfer to Formic Acid, Formaldehyde, and Methanol on the Surface of TiO ₂ Nanoparticles and Its Role in Methane Production. <i>Journal of Physical Chemistry C</i> , 2012, 116, 878-885.	1.5	68
49	Synthesis and Characterization of Wurtzite ZnTe Nanorods with Controllable Aspect Ratios. <i>Journal of the American Chemical Society</i> , 2011, 133, 15324-15327.	6.6	74
50	Surface-Enhanced Raman Scattering on Semiconducting Oxide Nanoparticles: Oxide Nature, Size, Solvent, and pH Effects. <i>Journal of Physical Chemistry C</i> , 2011, 115, 8994-9004.	1.5	79
51	Utilizing Chemical Raman Enhancement: A Route for Metal Oxide Support-Based Biodetection. <i>Journal of Physical Chemistry C</i> , 2011, 115, 620-630.	1.5	100
52	Amorphous TiO ₂ Nanotube Anode for Rechargeable Sodium Ion Batteries. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2560-2565.	2.1	625
53	Role of Water and Carbonates in Photocatalytic Transformation of CO ₂ to CH ₄ on Titania. <i>Journal of the American Chemical Society</i> , 2011, 133, 3964-3971.	6.6	416
54	MULTIFUNCTIONAL NANOâ€“BIO MATERIALS WITHIN CELLULAR MACHINERY. <i>International Journal of Nanoscience</i> , 2011, 10, 899-908.	0.4	9

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55	Magnetization and EPR of a series of Cr ³⁺ squarate dimers. <i>Polyhedron</i> , 2010, 29, 3021-3027.	1.0	7
56	Biofunctionalized magnetic-vortex microdiscs for targeted cancer-cell destruction. <i>Nature Materials</i> , 2010, 9, 165-171.	13.3	507
57	Iron(III)-oxo Centers on TiO ₂ for Visible-Light Photocatalysis. <i>Chemistry of Materials</i> , 2010, 22, 409-413.	3.2	73
58	Probing the Surface of Transition-Metal Nanocrystals by Chemiluminescence. <i>Journal of the American Chemical Society</i> , 2010, 132, 9102-9110.	6.6	29
59	Effect of Calcination Temperature on the Photocatalytic Reduction and Oxidation Processes of Hydrothermally Synthesized Titania Nanotubes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12994-13002.	1.5	114
60	Photoinduced Kinetics of SERS in Bioinorganic Hybrid Systems. A Case Study: Dopamine@TiO ₂ . <i>Journal of Physical Chemistry B</i> , 2010, 114, 14642-14645.	1.2	33
61	Synthesis, Structural Characterization, and Photocatalytic Performance of Mesoporous W-MCM-48. <i>Journal of Physical Chemistry C</i> , 2010, 114, 15728-15734.	1.5	46
62	LIGHT-INDUCED CHARGE SEPARATION ACROSS BIO-INORGANIC INTERFACE. <i>International Journal of Modern Physics B</i> , 2009, 23, 473-491.	1.0	7
63	Synthesis of Hybrid Gold/Iron Oxide Nanoparticles in Block Copolymer Micelles for Imaging, Drug Delivery, and Magnetic Hyperthermia. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 4821-4824.	1.2	26
64	Improved Hybrid Solar Cells via in situ UV Polymerization. <i>Small</i> , 2009, 5, 1776-1783.	5.2	105
65	Comparison of Structural Behavior of Nanocrystals in Randomly Packed Films and Long-Range Ordered Superlattices by Time-Resolved Small Angle X-ray Scattering. <i>Journal of the American Chemical Society</i> , 2009, 131, 16386-16388.	6.6	61
66	SERS of Semiconducting Nanoparticles (TiO ₂ Hybrid Composites). <i>Journal of the American Chemical Society</i> , 2009, 131, 6040-6041.	6.6	405
67	A High-Performance Nanobio Photocatalyst for Targeted Brain Cancer Therapy. <i>Nano Letters</i> , 2009, 9, 3337-3342.	4.5	268
68	Band Gap Narrowing of Titanium Oxide Semiconductors by Noncompensated Anion-Cation Codoping for Enhanced Visible-Light Photoactivity. <i>Physical Review Letters</i> , 2009, 103, 226401.	2.9	347
69	Dynamics of Localized Charges in Dopamine-Modified TiO ₂ and their Effect on the Formation of Reactive Oxygen Species. <i>Journal of the American Chemical Society</i> , 2009, 131, 2893-2899.	6.6	158
70	A Bioinspired Construct That Mimics the Proton Coupled Electron Transfer between P680 ⁺ and the Tyr ^Z -His190 Pair of Photosystem II. <i>Journal of the American Chemical Society</i> , 2008, 130, 10466-10467.	6.6	156
71	Synthesizing mixed-phase TiO ₂ nanocomposites using a hydrothermal method for photo-oxidation and photoreduction applications. <i>Journal of Catalysis</i> , 2008, 253, 105-110.	3.1	203
72	Enhanced Photocatalytic Degradation of Dye Pollutants under Visible Irradiation on Al(III)-Modified TiO ₂ : Structure, Interaction, and Interfacial Electron Transfer. <i>Environmental Science & Technology</i> , 2008, 42, 308-314.	4.6	176

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73	Role of Surface/Interfacial Cu ²⁺ Sites in the Photocatalytic Activity of Coupled CuO~TiO ₂ Nanocomposites. Journal of Physical Chemistry C, 2008, 112, 19040-19044.	1.5	344
74	Selective Photocatalytic Decomposition of Nitrobenzene Using Surface Modified TiO ₂ Nanoparticles. Journal of Physical Chemistry C, 2008, 112, 8311-8318.	1.5	62
75	The Important Role of Tetrahedral Ti ⁴⁺ Sites in the Phase Transformation and Photocatalytic Activity of TiO ₂ Nanocomposites. Journal of the American Chemical Society, 2008, 130, 5402-5403.	6.6	166
76	ENVIRONMENTAL EFFECTS INFLUENCING THE VIBRATIONAL MODES OF DNA: NANOSTRUCTURES COUPLED TO BIOMOLECULES. International Journal of High Speed Electronics and Systems, 2008, 18, 47-61.	0.3	2
77	ENVIRONMENTAL EFFECTS INFLUENCING THE VIBRATIONAL MODES OF DNA: NANOSTRUCTURES COUPLED TO BIOMOLECULES. Selected Topics in Electornics and Systems, 2008, , 305-319.	0.2	0
78	INTERACTIONS OF THz VIBRATIONAL MODES WITH CHARGE CARRIERS IN DNA: POLARON-PHONON INTERACTIONS. International Journal of High Speed Electronics and Systems, 2007, 17, 293-309.	0.3	2
79	INTERACTIONS OF THz VIBRATIONAL MODES WITH CHARGE CARRIERS IN DNA: POLARON-PHONON INTERACTIONS. Selected Topics in Electornics and Systems, 2007, , 101-117.	0.2	0
80	Effect of Size and Shape of Nanocrystalline TiO ₂ on Photogenerated Charges. An EPR Study. Journal of Physical Chemistry C, 2007, 111, 14597-14601.	1.5	112
81	Photocatalytic reduction of 4-nitrophenol with arginine-modified titanium dioxide nanoparticles. Applied Catalysis B: Environmental, 2007, 74, 103-110.	10.8	91
82	Quantum chemical study of TiO ₂ /dopamine-DNA triads. Chemical Physics, 2007, 339, 164-172.	0.9	15
83	Photocatalytic probing of DNA sequence by using TiO ₂ /dopamine-DNA triads. Chemical Physics, 2007, 339, 154-163.	0.9	45
84	Charge Separation and Surface Reconstruction: A Mn ²⁺ Doping Study. Journal of Physical Chemistry B, 2006, 110, 25441-25450.	1.2	50
85	Photoelectroactivity of a Hybrid System Constructed by Immobilization of Avidin onto Biotinylated TiO ₂ Electrodes. Chemistry of Materials, 2006, 18, 2682-2688.	3.2	12
86	TiO ₂ Nanotubes Encapsulating Silver Nanoparticles. Microscopy and Microanalysis, 2006, 12, 656-657.	0.2	0
87	Tinkering with cell machinery. Nature Materials, 2006, 5, 347-348.	13.3	13
88	Probing reaction mechanisms in mixed phase TiO ₂ by EPR. Journal of Electron Spectroscopy and Related Phenomena, 2006, 150, 155-163.	0.8	230
89	Surface States of Titanium Dioxide Nanoparticles Modified with Enediol Ligands. Journal of Physical Chemistry B, 2006, 110, 680-686.	1.2	106
90	Complex and Charge Transfer between TiO ₂ and Pyrroloquinoline Quinone. Journal of Physical Chemistry B, 2006, 110, 25392-25398.	1.2	31

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91	Spatially Confined Corner Defects Induce Chemical Functionality of TiO ₂ Nanorods. <i>Advanced Materials</i> , 2006, 18, 1033-1037.	11.1	52
92	Density functional study of the TiO ₂ -dopamine complex. <i>Chemical Physics Letters</i> , 2005, 406, 306-311.	1.2	67
93	Photocatalytic reduction of cadmium on TiO ₂ nanoparticles modified with amino acids. <i>Chemical Physics Letters</i> , 2005, 407, 110-113.	1.2	24
94	Shaping Nanometer-Scale Architecture Through Surface Chemistry. <i>Advanced Materials</i> , 2005, 17, 965-971.	11.1	125
95	Charge Separation in Heterostructures of InP Nanocrystals with Metal Particles. <i>Journal of Physical Chemistry B</i> , 2005, 109, 18243-18249.	1.2	15
96	Recombination Pathways in the Degussa P25 Formulation of TiO ₂ : Surface versus Lattice Mechanisms. <i>Journal of Physical Chemistry B</i> , 2005, 109, 977-980.	1.2	371
97	Assembly and Charge Transfer in Hybrid TiO ₂ Architectures Using Biotin-Avidin as a Connector. <i>Journal of the American Chemical Society</i> , 2005, 127, 1344-1345.	6.6	132
98	Light-Induced Charge Separation and Redox Chemistry at the Surface of TiO ₂ /Host-Guest Hybrid Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9105-9110.	1.2	26
99	Proton Transfer at Helium Temperatures during Dioxygen Activation by Heme Monooxygenases. <i>Journal of the American Chemical Society</i> , 2004, 126, 15960-15961.	6.6	44
100	Charge Transfer Across the Nanocrystalline-DNA Interface: Probing DNA Recognition. <i>Nano Letters</i> , 2004, 4, 1017-1023.	4.5	164
101	Photoinitiated Reactions of 2,4,6 TCP on Degussa P25 Formulation TiO ₂ : Wavelength-Sensitive Decomposition. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16483-16487.	1.2	50
102	Revealing the Nature of Trapping Sites in Nanocrystalline Titanium Dioxide by Selective Surface Modification. <i>Journal of Physical Chemistry B</i> , 2003, 107, 7368-7375.	1.2	88
103	Theoretical study of the ionization potential of thymine: effect of adding conjugated functional groups. <i>Chemical Physics Letters</i> , 2003, 380, 54-62.	1.2	9
104	Biology of TiO ₂ -oligonucleotide nanocomposites. <i>Nature Materials</i> , 2003, 2, 343-346.	13.3	286
105	Self-Assembly of TOPO-Derivatized Silver Nanoparticles into Multilayered Film. <i>Chemistry of Materials</i> , 2003, 15, 4521-4526.	3.2	52
106	Computational Studies of Catechol and Water Interactions with Titanium Oxide Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11419-11427.	1.2	208
107	Explaining the Enhanced Photocatalytic Activity of Degussa P25 Mixed-Phase TiO ₂ Using EPR. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4545-4549.	1.2	1,837
108	Analytical Treatment of EPR Spectra of Weakly Coupled Spin-Correlated Radical Pairs in Disordered Solids: Application to the Charge-Separated State in TiO ₂ Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2002, 106, 938-944.	1.2	27

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109	Surface Restructuring of Nanoparticles: An Efficient Route for Ligand-Metal Oxide Crosstalk. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10543-10552.	1.2	661
110	Cadmium removal from water using thiolactic acid-modified titanium dioxide nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 148, 393-397.	2.0	87
111	Fe ₂ O ₃ Nanoparticle Structures Investigated by X-ray Absorption Near-Edge Structure, Surface Modifications, and Model Calculations. <i>Journal of Physical Chemistry B</i> , 2002, 106, 8539-8546.	1.2	255
112	Electron and Hole Adducts Formed in Illuminated InP Colloidal Quantum Dots Studied by Electron Paramagnetic Resonance. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4390-4395.	1.2	49
113	Radiolytically Induced Formation and Optical Absorption Spectra of Colloidal Silver Nanoparticles in Supercritical Ethane. <i>Journal of Physical Chemistry B</i> , 2001, 105, 954-959.	1.2	122
114	Spin polarization mechanisms in early stages of photoinduced charge separation in surface-modified TiO ₂ nanoparticles. <i>Chemical Physics Letters</i> , 2001, 344, 31-39.	1.2	52
115	Surface Modification of TiO ₂ Nanoparticles For Photochemical Reduction of Nitrobenzene. <i>Environmental Science & Technology</i> , 2000, 34, 4797-4803.	4.6	193
116	X-ray absorption reveals surface structure of titanium dioxide nanoparticles. <i>Journal of Synchrotron Radiation</i> , 1999, 6, 445-447.	1.0	112
117	Improving Optical and Charge Separation Properties of Nanocrystalline TiO ₂ by Surface Modification with Vitamin C. <i>Journal of Physical Chemistry B</i> , 1999, 103, 3515-3519.	1.2	332
118	Structural Characterization of Self-Organized TiO ₂ Nanoclusters Studied by Small Angle Neutron Scattering. <i>Journal of Physical Chemistry B</i> , 1999, 103, 2172-2177.	1.2	17
119	Photoreduction of Copper on TiO ₂ Nanoparticles Modified with Polydentate Ligands. <i>Journal of Advanced Oxidation Technologies</i> , 1998, 3, .	0.5	2
120	XAFS Studies of Surface Structures of TiO ₂ Nanoparticles and Photocatalytic Reduction of Metal Ions. <i>Journal of Physical Chemistry B</i> , 1997, 101, 10688-10697.	1.2	310
121	Surface Modification of TiO ₂ : Correlation between Structure, Charge Separation and Reduction Properties. <i>Acta Chemica Scandinavica</i> , 1997, 51, 610-618.	0.7	51
122	Surface Modification of Small Particle TiO ₂ Colloids with Cysteine for Enhanced Photochemical Reduction: An EPR Study. <i>The Journal of Physical Chemistry</i> , 1996, 100, 4538-4545.	2.9	227
123	Characterization of Metal Iodide Quantum Dots. <i>Materials Science Forum</i> , 1996, 214, 41-48.	0.3	1
124	Enhanced Redox Chemistry in Quantized Semiconductor Colloids. <i>Israel Journal of Chemistry</i> , 1993, 33, 59-65.	1.0	19
125	Reactions of hydrous titanium oxide colloids with strong oxidizing agents. <i>Langmuir</i> , 1992, 8, 1265-1270.	1.6	36
126	Effects of charged polymers on interfacial electron transfer processes in cadmium sulfide colloidal systems. <i>Langmuir</i> , 1991, 7, 2054-2059.	1.6	13

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127	Size quantization of colloidal semiconductor particles in silicate glasses. <i>Chemical Physics Letters</i> , 1988, 143, 305-308.	1.2	77
128	Solubility and photocorrosion of small CdS particles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1988, 42, 157-167.	2.0	28
129	Formation and properties of cuprous oxide semiconductor colloids. <i>Langmuir</i> , 1986, 2, 477-480.	1.6	7
130	Temperature effect on the photoinduced reduction of methyl viologen with several sensitizers and the evolution of hydrogen from water. <i>Journal of Photochemistry and Photobiology</i> , 1983, 21, 35-44.	0.6	18