

# J Ignacio MartÃ-nez

## List of Publications by Year in descending order

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126  
papers

8,174  
citations

134610

34  
h-index

54771

88  
g-index

128  
all docs

128  
docs citations

128  
times ranked

12794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Following the light: 3D-printed COF@poly(2-hydroxyethyl methacrylate) dual emissive composite with response to polarity and acidity. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4634-4643.	5.2	15
2	Pyrenetetraone-based covalent organic framework as an effective electrocatalyst for oxygen reduction reaction. <i>Nano Research</i> , 2022, 15, 3907-3912.	5.8	14
3	Covalent organic frameworks based on electroactive naphthalenediimide as active electrocatalysts toward oxygen reduction reaction. <i>Applied Materials Today</i> , 2022, 26, 101384.	2.3	13
4	Innovative Microstructural Transformation upon CO <sub>2</sub> Supercritical Conditions on Metal-Nucleobase Aerogel and Its Use as Effective Filler for HPLC Biomolecules Separation. <i>Nanomaterials</i> , 2022, 12, 675.	1.9	0
5	Engineering Periodic Dinuclear Lanthanide-Directed Networks Featuring Tunable Energy Level Alignment and Magnetic Anisotropy by Metal Exchange. <i>Small</i> , 2022, 18, e2107073.	5.2	8
6	Metallated Isoindigo-Porphyrin Covalent Organic Framework Photocatalyst with a Narrow Band Gap for Efficient CO <sub>2</sub> Conversion. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 2015-2022.	4.0	31
7	Concentration asymmetry and carbon enrichment in titanium carbide and silicon carbide clusters. <i>Physical Review A</i> , 2022, 105, .	1.0	2
8	From high quality packing to disordered nucleation or phase separation in donor/acceptor interfaces: ClAlPc-C <sub>60</sub> on Au(111). <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 14363-14371.	1.3	1
9	Photocatalytic degradation of organic pollutants through conjugated poly(azomethine) networks based on terthiophene-naphthalimide assemblies. <i>RSC Advances</i> , 2021, 11, 2701-2705.	1.7	7
10	Copper-assisted oxidation of catechols into quinone derivatives. <i>Chemical Science</i> , 2021, 12, 2257-2267.	3.7	16
11	Lanthanide-porphyrin species as Kondo irreversible switches through tip-induced coordination chemistry. <i>Nanoscale</i> , 2021, 13, 8600-8606.	2.8	4
12	Dysprosium-directed metallosupramolecular network on graphene/Ir(111). <i>Chemical Communications</i> , 2021, 57, 1380-1383.	2.2	12
13	Role of the Structure and Reactivity of Cu and Ag Surfaces in the Formation of a 2D Metal-Hexahydroxytriphenylene Network. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17333-17341.	1.5	12
14	Tuning the Magnetic Anisotropy of Lanthanides on a Metal Substrate by Metal-Organic Coordination. <i>Small</i> , 2021, 17, e2102753.	5.2	8
15	A Trapezoidal Octacyanoquinoid Acceptor Forms Solution and Surface Products by Antiparallel Shape Fitting with Conformational Dipole Momentum Switch. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17887-17892.	7.2	5
16	Metal-catalyst-free gas-phase synthesis of long-chain hydrocarbons. <i>Nature Communications</i> , 2021, 12, 5937.	5.8	7
17	Hydrogen Interaction with Tungsten Disulfide Nanostructures. , 2021, , .		0
18	Cu(I)-1,2,4-diaminopyrimidine Coordination Polymers with Optoelectronic Properties as a Proof of Concept for Solar Cells. <i>Inorganic Chemistry</i> , 2021, 60, 1208-1219.	1.9	11

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19	Oxygen reduction using a metal-free naphthalene diimide-based covalent organic framework electrocatalyst. <i>Chemical Communications</i> , 2020, 56, 1267-1270.	2.2	56
20	Cunning defects: emission control by structural point defects on Cu( <i>scp</i> )I double chain coordination polymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1448-1458.	2.7	11
21	Oxygen intercalation in PVD graphene grown on copper substrates: A decoupling approach. <i>Applied Surface Science</i> , 2020, 529, 147100.	3.1	10
22	Onâ€‘Surface Driven Formal Michael Addition Produces m â€‘Polyaniline Oligomers on Pt(111). <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23220-23227.	7.2	5
23	Onâ€‘Surface Driven Formal Michael Addition Produces m â€‘Polyaniline Oligomers on Pt(111). <i>Angewandte Chemie</i> , 2020, 132, 23420-23427.	1.6	1
24	Role of the Metal Surface on the Room Temperature Activation of the Alcohol and Amino Groups of <i>p</i> -Aminophenol. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19655-19665.	1.5	2
25	Cathodoluminescence in single and multiwall WS <sub>2</sub> nanotubes: Evidence for quantum confinement and strain effect. <i>Applied Physics Reviews</i> , 2020, 7, .	5.5	15
26	<i>In silico</i> design of 2D polymers containing truxene-based platforms: insights into their structural and electronic properties. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15416-15425.	2.7	13
27	Chemical equilibrium in AGB atmospheres: successes, failures, and prospects for small molecules, clusters, and condensates. <i>Astronomy and Astrophysics</i> , 2020, 637, A59.	2.1	55
28	Experimental and Theoretical Study of Dynamic Structural Transformations between Sensing Copper(II)-Uracil Antiferromagnetic and Metamagnetic Coordination Compounds. <i>Crystal Growth and Design</i> , 2020, 20, 5097-5107.	1.4	0
29	Production and processing of graphene and related materials. <i>2D Materials</i> , 2020, 7, 022001.	2.0	333
30	Ultra-thin NaCl films as protective layers for graphene. <i>Nanoscale</i> , 2019, 11, 16767-16772.	2.8	6
31	Hydrogen quenches the size effects in carbon clusters. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10402-10410.	1.3	3
32	Reversible transformation between Cu( <i>scp</i> )-thiophenolate coordination polymers displaying luminescence and electrical properties. <i>CrystEngComm</i> , 2019, 21, 3232-3239.	1.3	10
33	Multifunctional Copper(I) Coordination Polymers with Aromatic Mono- and Ditopic Thioamides. <i>Inorganic Chemistry</i> , 2019, 58, 3290-3301.	1.9	42
34	Versatile Graphene-Based Platform for Robust Nanobiohybrid Interfaces. <i>ACS Omega</i> , 2019, 4, 3287-3297.	1.6	9
35	3D Printing of a Thermoâ€‘and Solvatochromic Composite Material Based on a Cu(II)â€‘Thymine Coordination Polymer with Moisture Sensing Capabilities. <i>Advanced Functional Materials</i> , 2019, 29, 1808424.	7.8	35
36	Fluorescence enhancement of fungicide thiabendazole by van der Waals interaction with transition metal dichalcogenide nanosheets for highly specific sensors. <i>Nanoscale</i> , 2019, 11, 23156-23164.	2.8	6

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37	On-Surface Hydrogen-Induced Covalent Coupling of Polycyclic Aromatic Hydrocarbons via a Superhydrogenated Intermediate. <i>Journal of the American Chemical Society</i> , 2019, 141, 3550-3557.	6.6	40
38	Modelling of adsorption and intercalation of hydrogen on/into tungsten disulphide multilayers and multiwall nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12061-12074.	1.3	6
39	Chemistry below graphene: Decoupling epitaxial graphene from metals by potential-controlled electrochemical oxidation. <i>Carbon</i> , 2018, 129, 837-846.	5.4	30
40	Adsorption Geometry and Energy Level Alignment at the PTCDA/TiO <sub>2</sub> (110) Interface. <i>Journal of Physical Chemistry B</i> , 2018, 122, 534-542.	1.2	11
41	Reversible Thermochromic Polymeric Thin Films Made of Ultrathin 2D Crystals of Coordination Polymers Based on Copper(I) Thiophenolates. <i>Advanced Functional Materials</i> , 2018, 28, 1704040.	7.8	53
42	An improved descriptor of cluster stability: application to small carbon clusters. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27368-27374.	1.3	8
43	Layer-Stacking-Driven Fluorescence in a Two-Dimensional Imine-Linked Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , 2018, 140, 12922-12929.	6.6	147
44	How Au Outperforms Pt in the Catalytic Reduction of Methane Towards Ethane and Molecular Hydrogen. <i>Topics in Catalysis</i> , 2018, 61, 1290-1299.	1.3	0
45	Size-Selective Carbon Clusters as Obstacles to Graphene Growth on a Metal. <i>Nano Letters</i> , 2018, 18, 4812-4820.	4.5	7
46	Chiral Organization and Charge Redistribution in Chloroaluminum Phthalocyanine on Au(111) Beyond the Monolayer. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16033-16041.	1.5	9
47	On-Surface Bottom-Up Synthesis of Azine Derivatives Displaying Strong Acceptor Behavior. <i>Angewandte Chemie</i> , 2018, 130, 8718-8722.	1.6	7
48	On-Surface Bottom-Up Synthesis of Azine Derivatives Displaying Strong Acceptor Behavior. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8582-8586.	7.2	13
49	Smart composite films of nanometric thickness based on copper-iodine coordination polymers. Toward sensors. <i>Chemical Science</i> , 2018, 9, 8000-8010.	3.7	44
50	Supramolecular Interactions Modulating Electrical Conductivity and Nanoprocessing of Copper-Iodine Double-Chain Coordination Polymers. <i>Inorganic Chemistry</i> , 2018, 57, 7568-7577.	1.9	22
51	Highly selective covalent organic functionalization of epitaxial graphene. <i>Nature Communications</i> , 2017, 8, 15306.	5.8	45
52	High-quality PVD graphene growth by fullerene decomposition on Cu foils. <i>Carbon</i> , 2017, 119, 535-543.	5.4	29
53	Hydrogen Chemical Configuration and Thermal Stability in Tungsten Disulfide Nanoparticles Exposed to Hydrogen Plasma. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11747-11756.	1.5	6
54	Group 10 Metal Benzene-1,2-dithiolate Derivatives in the Synthesis of Coordination Polymers Containing Potassium Counteranions. <i>Inorganic Chemistry</i> , 2017, 56, 11810-11818.	1.9	12

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55	Multistimuli Response Micro- and Nanolayers of a Coordination Polymer Based on Cu <sub>2</sub> Chains Linked by 2-Aminopyrazine. <i>Small</i> , 2017, 13, 1700965.	5.2	43
56	Spectroscopic characterization of the on-surface induced (cyclo)dehydrogenation of a N-heteroaromatic compound on noble metal surfaces. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22454-22461.	1.3	3
57	Unveiling universal trends for the energy level alignment in organic/oxide interfaces. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 24412-24420.	1.3	9
58	Low temperature metal free growth of graphene on insulating substrates by plasma assisted chemical vapor deposition. <i>2D Materials</i> , 2017, 4, 015009.	2.0	38
59	Role of the Pinning Points in epitaxial Graphene Moiré Superstructures on the Pt(111) Surface. <i>Scientific Reports</i> , 2016, 6, 20354.	1.6	18
60	Luminescent Thermochromism of 2D Coordination Polymers Based on Copper(I) Halides with 4-Hydroxythiophenol. <i>Chemistry - A European Journal</i> , 2016, 22, 18027-18035.	1.7	43
61	Metalation of tetraphenylporphyrin with nickel on a TiO <sub>2</sub> (110)-1 Å <sup>-2</sup> surface. <i>Nanoscale</i> , 2016, 8, 1123-1132.	2.8	20
62	Adsorption and coupling of 4-aminophenol on Pt(111) surfaces. <i>Surface Science</i> , 2016, 646, 5-12.	0.8	8
63	Densely Packed ZnTPPs Monolayer on the Rutile TiO <sub>2</sub> (110)-(1 Å <sup>-1</sup> ) Surface: Adsorption Behavior and Energy Level Alignment. <i>Journal of Physical Chemistry C</i> , 2016, 120, 4430-4437.	1.5	26
64	On-Surface (Cyclo-)Dehydrogenation Reactions: Role of Surface Diffusion. <i>Advances in Atom and Single Molecule Machines</i> , 2016, , 43-83.	0.0	2
65	Electrical Conductivity and Strong Luminescence in Copper Iodide Double Chains with Isonicotinato Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 17282-17292.	1.7	31
66	On-surface self-organization of a robust metal-organic cluster based on copper( <sup>i</sup> ) with chloride and organosulphur ligands. <i>Chemical Communications</i> , 2015, 51, 3243-3246.	2.2	4
67	Mechanical and optical properties of ultralarge flakes of a metal-organic framework with molecular thickness. <i>Chemical Science</i> , 2015, 6, 2553-2558.	3.7	141
68	Reversible stimulus-responsive Cu( <sup>i</sup> ) iodide pyridine coordination polymer. <i>Chemical Communications</i> , 2015, 51, 14306-14309.	2.2	35
69	Ultrafast Atomic Diffusion Inducing a Reversible(23Å <sup>-2</sup> )R30Å <sup>+</sup> (3Å <sup>-3</sup> )R30Å <sup>°</sup> Transition onSn/Si(111)Å <sup>°</sup> B. <i>Physical Review Letters</i> , 2015, 114, 196101.	2.9	7
70	Densely Packed Perylene Layers on the Rutile TiO <sub>2</sub> (110)-(1 Å <sup>-1</sup> ) Surface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 7809-7816.	1.5	11
71	Halo and Pseudohalo Cu(I)-Pyridinato Double Chains with Tunable Physical Properties. <i>Inorganic Chemistry</i> , 2015, 54, 10738-10747.	1.9	19
72	Chemical Interaction, Space-Charge Layer, and Molecule Charging Energy for a TiO <sub>2</sub> /TCNQ Interface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22086-22091.	1.5	9

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73	Ortho and Para Hydrogen Dimers on G/SiC(0001): Combined STM and DFT Study. Langmuir, 2015, 31, 233-239.	1.6	12
74	Nanostructure Oxide, Metal Oxide and Composite Cylindrical Shapes For Energy and Electromagnetic Spectrum Uses: First Principles Structural, Electronic, and Transport Characterization of SiO <sub>2</sub> NanoWires, RuO <sub>2</sub> NanoTubes, and SiO <sub>2</sub> /RuO <sub>2</sub> NanoCables. , 2014, , .		0
75	Etching of Graphene in a Hydrogen-rich Atmosphere toward the Formation of Hydrocarbons in Circumstellar Clouds. Journal of Physical Chemistry C, 2014, 118, 26882-26886.	1.5	9
76	Antiphase Boundaries Accumulation Forming a New C <sub>60</sub> Decoupled Crystallographic Phase on the Rutile TiO <sub>2</sub> (110)-(1 Å <sup>-1</sup> ) Surface. Journal of Physical Chemistry C, 2014, 118, 27318-27324.	1.5	5
77	Electron transport signature of $H_2$ dissociation on atomic gold wires. Physical Review B. 2014. 90. .	1.1	4
78	Statistical analysis of stretched aluminum nanowires. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	2
79	Graphene etching on SiC grains as a path to interstellar polycyclic aromatic hydrocarbons formation. Nature Communications, 2014, 5, 3054.	5.8	59
80	Reversible recrystallization process of copper and silver thioacetamide-halide coordination polymers and their basic building blocks. CrystEngComm, 2014, 16, 8224-8231.	1.3	28
81	Sequential formation of N-doped nanohelicenes, nanographenes and nanodomes by surface-assisted chemical (cyclo)dehydrogenation of heteroaromatics. Chemical Communications, 2014, 50, 1555.	2.2	23
82	Metallicity enhancement in core-shell SiO <sub>2</sub> @RuO <sub>2</sub> nanowires. RSC Advances, 2014, 4, 34696-34700.	1.7	1
83	Imaging Molecular Orbitals of PTCDA on Graphene on Pt(111): Electronic Structure by STM and First-Principles Calculations. Journal of Physical Chemistry C, 2014, 118, 12782-12788.	1.5	48
84	Fast Prediction of Adsorption Properties for Platinum Nanocatalysts with Generalized Coordination Numbers. Angewandte Chemie - International Edition, 2014, 53, 8316-8319.	7.2	366
85	Tailored Formation of N-Doped Nanoarchitectures by Diffusion-Controlled on-Surface (Cyclo)Dehydrogenation of Heteroaromatics. ACS Nano, 2013, 7, 3676-3684.	7.3	52
86	Tailoring structural and electronic properties of RuO <sub>2</sub> nanotubes: a many-body approach and electronic transport. Physical Chemistry Chemical Physics, 2013, 15, 14715.	1.3	23
87	Chemistry and temperature-assisted dehydrogenation of C <sub>60</sub> H <sub>30</sub> molecules on TiO <sub>2</sub> (110) surfaces. Nanoscale, 2013, 5, 11058.	2.8	17
88	Energy Level Alignment in Organic/Organic Heterojunctions: The TTF/TCNQ Interface. Journal of Physical Chemistry C, 2013, 117, 3888-3894.	1.5	14
89	Number of outer electrons as descriptor for adsorption processes on transition metals and their oxides. Chemical Science, 2013, 4, 1245.	3.7	273
90	Oxygen reduction and evolution at single-metal active sites: Comparison between functionalized graphitic materials and protoporphyrins. Surface Science, 2013, 607, 47-53.	0.8	121

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91	Effect of van der Waals forces on the stacking of coronenes encapsulated in a single-wall carbon nanotube and many-body excitation spectrum. <i>Carbon</i> , 2013, 54, 113-123.	5.4	25
92	Solvent-Induced Delamination of a Multifunctional Two Dimensional Coordination Polymer. <i>Advanced Materials</i> , 2013, 25, 2141-2146.	11.1	146
93	On the organic energy gap problem. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 094007.	0.7	2
94	Barrier height formation in organic blends/metal interfaces: Case of tetrathiafulvalene-tetracyanoquinodimethane/Au(111). <i>Journal of Chemical Physics</i> , 2013, 139, 214706.	1.2	14
95	Improvement of Scanning Tunneling Microscopy Resolution with H-Sensitized Tips. <i>Physical Review Letters</i> , 2012, 108, 246102.	2.9	34
96	First-Principles Structural and Electronic Characterization of Ordered SiO <sub>2</sub> Nanowires. <i>Journal of Physical Chemistry C</i> , 2012, 116, 18973-18982.	1.5	22
97	Physical and Chemical Nature of the Scaling Relations between Adsorption Energies of Atoms on Metal Surfaces. <i>Physical Review Letters</i> , 2012, 108, 116103.	2.9	233
98	Scattering of a proton with the Li <sub>4</sub> cluster: Non-adiabatic molecular dynamics description based on time-dependent density-functional theory. <i>Chemical Physics</i> , 2012, 399, 130-134.	0.9	40
99	Theoretical characterization of the TTF/Au (111) interface: STM imaging, band alignment and charging energy. <i>Organic Electronics</i> , 2012, 13, 399-408.	1.4	16
100	Density functional studies of functionalized graphitic materials with late transition metals for oxygen reduction reactions. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15639.	1.3	454
101	C <sub>6</sub> H <sub>6</sub> /Au(111): Interface dipoles, band alignment, charging energy, and van der Waals interaction. <i>Journal of Chemical Physics</i> , 2011, 134, 044701.	1.2	59
102	On the behavior of Brønsted-Evans-Polanyi relations for transition metal oxides. <i>Journal of Chemical Physics</i> , 2011, 134, 244509.	1.2	128
103	Theoretical Study of the Structural Stability and the Electronic Properties of Al <sub>m</sub> H <sub>n</sub> Clusters. <i>Journal of Computational and Theoretical Nanoscience</i> , 2011, 8, 609-615.	0.4	0
104	Barrier height formation for the PTCDA/Au(111) interface. <i>Chemical Physics</i> , 2011, 390, 14-19.	0.9	13
105	Trends in Metal Oxide Stability for Nanorods, Nanotubes, and Surfaces. <i>Journal of Physical Chemistry C</i> , 2011, 115, 2244-2252.	1.5	52
106	Universality in Oxygen Evolution Electrocatalysis on Oxide Surfaces. <i>ChemCatChem</i> , 2011, 3, 1159-1165.	1.8	3,208
107	Simulating the organic-molecule/metal interface TCNQ/Au(111). <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 2044-2049.	0.7	11
108	Back Cover: Simulating the organic-molecule/metal interface TCNQ/Au(111) ( <i>Phys. Status Solidi B</i> 9/2011). <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, .	0.7	20



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109	Trends in Stability of Perovskite Oxides. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7699-7701.	7.2	98
110	Barrier formation and charging energy for a variable nanogap organic molecular junction: a tip/C60/Au(111) configuration. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 304007.	0.7	14
111	Optical to ultraviolet spectra of sandwiches of benzene and transition metal atoms: Time dependent density functional theory and many-body calculations. <i>Journal of Chemical Physics</i> , 2010, 132, 044314.	1.2	40
112	Formation energies of rutile metal dioxides using density functional theory. <i>Physical Review B</i> , 2009, 79, .	1.1	87
113	Optical absorption spectra of Ag <sub>11</sub> isomers. <i>European Physical Journal D</i> , 2009, 52, 199-202.	0.6	6
114	Adsorption of Lithium on Finite Graphitic Clusters. <i>Journal of Physical Chemistry C</i> , 2009, 113, 939-941.	1.5	34
115	Density functional theory based screening of ternary alkali-transition metal borohydrides: A computational material design project. <i>Journal of Chemical Physics</i> , 2009, 131, 014101.	1.2	77
116	Stability and Electronic Properties of TiO <sub>2</sub> Nanostructures With and Without B and N Doping. <i>Journal of Physical Chemistry C</i> , 2009, 113, 12301-12308.	1.5	102
117	Scaling Relationships for Adsorption Energies on Transition Metal Oxide, Sulfide, and Nitride Surfaces. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4683-4686.	7.2	301
118	Electronic and atomic structure of the Al <sub>n</sub> H <sub>n+2</sub> clusters. <i>Journal of Chemical Physics</i> , 2008, 129, 074306.	1.2	15
119	Theoretical study of the photoabsorption spectrum of small chromium clusters. <i>Physical Review B</i> , 2007, 76, .	1.1	12
120	Theoretical study of molecular hydrogen clusters. <i>European Physical Journal D</i> , 2007, 43, 61-64.	0.6	25
121	Optical Absorption Spectra of V <sup>+</sup> <sub>4</sub> Isomers: One Example of First-Principles Theoretical Spectroscopy with Time-Dependent Density Functional Theory. <i>Journal of Computational and Theoretical Nanoscience</i> , 2006, 3, 761-766.	0.4	8
122	Photoabsorption spectra of Ti <sub>8</sub> C <sub>12</sub> metallocarbohedrynes: Theoretical spectroscopy within time-dependent density functional theory. <i>Journal of Chemical Physics</i> , 2006, 125, 074311.	1.2	16
123	Optical Absorption Spectra of V <sup>+</sup> <sub>4</sub> Isomers: One Example of First-Principles Theoretical Spectroscopy with Time-Dependent Density Functional Theory. <i>Journal of Computational and Theoretical Nanoscience</i> , 2006, 3, 761-766.	0.4	8
124	Theoretical study of the reactivity of cesium with benzene and graphitic C <sub>x</sub> H <sub>y</sub> clusters. <i>Journal of Chemical Physics</i> , 2005, 123, 074303.	1.2	7
125	Calculation of the optical spectrum of the Ti <sub>8</sub> C <sub>12</sub> and V <sub>8</sub> C <sub>12</sub> Met-Cars. <i>Chemical Physics Letters</i> , 2004, 398, 292-296.	1.2	12
126	Structure, stability and optical absorption spectra of small Ti <sub>n</sub> C <sub>x</sub> clusters: a first-principles approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	6