Veaceslav Coropceanu

List of Publications by Year
in descending order

130 papers	19,184 citations	20817 60 h-index	15266 126 g-index
132 all docs	132 docs citations	132 times ranked	15798 citing authors

#	Article	IF	Citations
1	Lower limits for non-radiative recombination loss in organic donor/acceptor complexes. Materials Horizons, 2022, 9, 325-333.	12.2	12
2	Resolving Atomicâ€Scale Interactions in Nonfullerene Acceptor Organic Solar Cells with Solidâ€State NMR Spectroscopy, Crystallographic Modelling, and Molecular Dynamics Simulations. Advanced Materials, 2022, 34, e2105943.	21.0	36
3	Energy transfer processes in hyperfluorescent organic light-emitting diodes. Journal of Materials Chemistry C, 2022, 10, 4629-4636.	5.5	6
4	Electronic structure of confined carbyne from joint wavelength-dependent resonant Raman spectroscopy and density functional theory investigations. Carbon, 2022, 189, 276-283.	10.3	8
5	Purely Organic Emitters for Multiresonant Thermally Activated Delay Fluorescence: Design of Highly Efficient Sulfur and Selenium Derivatives. , 2022, 4, 440-447.		33
6	Asymmetric electron acceptor enables highly luminescent organic solar cells with certified efficiency over 18%. Nature Communications, 2022, 13, 2598.	12.8	113
7	The Role of Intermolecular Interactions on the Performance of Organic Thermally Activated Delayed Fluorescence (TADF) Materials. Advanced Optical Materials, 2021, 9, 2002135.	7.3	22
8	A unified description of non-radiative voltage losses in organic solar cells. Nature Energy, 2021, 6, 799-806.	39.5	235
9	Strong Suppression of Thermal Conductivity in the Presence of Long Terminal Alkyl Chains in Lowâ€Disorder Molecular Semiconductors. Advanced Materials, 2021, 33, e2008708.	21.0	12
10	Impact of chemical modifications on the luminescence properties of organic neutral radical emitters. Journal of Materials Chemistry C, 2021, 9, 10794-10801.	5.5	13
11	Suppression of Concentration Quenching in Orthoâ€Substituted Thermally Activated Delayed Fluorescence Emitters. Advanced Theory and Simulations, 2020, 3, 1900185.	2.8	17
12	Organic Neutral Radical Emitters: Impact of Chemical Substitution and Electronic-State Hybridization on the Luminescence Properties. Journal of the American Chemical Society, 2020, 142, 17782-17786.	13.7	46
13	Impact of secondary donor units on the excited-state properties and thermally activated delayed fluorescence (TADF) efficiency of pentacarbazole-benzonitrile emitters. Journal of Chemical Physics, 2020, 153, 144708.	3.0	14
14	Hyperfluorescence-Based Emission in Purely Organic Materials: Suppression of Energy-Loss Mechanisms via Alignment of Triplet Excited States. , 2020, 2, 1412-1418.		39
15	Delocalization of exciton and electron wavefunction in non-fullerene acceptor molecules enables efficient organic solar cells. Nature Communications, 2020, 11, 3943.	12.8	458
16	Electronic, vibrational, and charge-transport properties of benzothienobenzothiopheneâ€“TCNQ co-crystals. Materials Chemistry Frontiers, 2020, 4, 3623-3631.	5.9	11
17	Thermally Activated Delayed Fluorescence Sensitization for Highly Efficient Blue Fluorescent Emitters. Advanced Functional Materials, 2020, 30, 2005898.	14.9	25
18	Bulk Heterojunction Solar Cells: Insight into Ternary Blends from a Characterization of the Intermolecular Packing and Electronic Properties in the Corresponding Binary Blends. Advanced Theory and Simulations, 2020, 3, 2000049.	2.8	3

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19	Radiative and Nonradiative Recombinations in Organic Radical Emitters: The Effect of Guestâ€“Host Interactions. Advanced Functional Materials, 2020, 30, 2002916.	14.9	23
20	On the Physical Origins of Charge Separation at Donorâ€“Acceptor Interfaces in Organic Solar Cells: Energy Bending versus Energy Disorder. Advanced Theory and Simulations, 2020, 3, 1900230.	2.8	11
21	Electronic Structure of Multicomponent Organic Molecular Materials: Evaluation of Range-Separated Hybrid Functionals. Journal of Chemical Theory and Computation, 2020, 16, 3712-3719.	5.3	20
22	High stability and luminescence efficiency in donorâ€“acceptor neutral radicals not following the Aufbau principle. Nature Materials, 2019, 18, 977-984.	27.5	181
23	All-Polymer Solar Cells: Impact of the Length of the Branched Alkyl Side Chains on the Polymer Acceptors on the Interchain Packing and Electronic Properties in Amorphous Blends. Chemistry of Materials, 2019, 31, 6239-6248.	6.7	26
24	Chargeâ€Transport Properties of F₆TNAPâ€Based Chargeâ€Transfer Cocrystals. Advanced Functional Materials, 2019, 29, 1904858.	14.9	36
25	Charge-transfer electronic states inÂorganic solar cells. Nature Reviews Materials, 2019, 4, 689-707.	48.7	229
26	Design and synthesis of two-dimensional covalent organic frameworks with four-arm cores: prediction of remarkable ambipolar charge-transport properties. Materials Horizons, 2019, 6, 1868-1876.	12.2	62
27	Quaternary Charge-Transfer Solid Solutions: Electronic Tunability through Stoichiometry. Chemistry of Materials, 2019, 31, 6598-6604.	6.7	17
28	Chargeâ€Transfer States at Organicâ€“Organic Interfaces: Impact of Static and Dynamic Disorders. Advanced Energy Materials, 2019, 9, 1803926.	19.5	54
29	Organic charge-transfer compounds: complex interactions at the nanoscale. , 2019, , .		0
30	Every Atom Counts: Elucidating the Fundamental Impact of Structural Change in Conjugated Polymers for Organic Photovoltaics. Chemistry of Materials, 2018, 30, 2995-3009.	6.7	39
31	On the Molecular Origin of Charge Separation at the Donorâ€“Acceptor Interface. Advanced Energy Materials, 2018, 8, 1702232.	19.5	51
32	Discovery of Non-linear Optical Materials by Function-Based Screening of Multi-component Solids. CheM, 2018, 4, 150-161.	11.7	25
33	Langmuirâ€“Blodgett Thin Films of Diketopyrrolopyrrole-Based Amphiphiles. ACS Applied Materials & Interfaces, 2018, 10, 11995-12004.	8.0	17
34	Characterization of the structural, mechanical, and electronic properties of fullerene mixtures: a molecular simulations description. Journal of Materials Chemistry C, 2018, 6, 3642-3650.	5.5	8
35	Impact of Phonon Dispersion on Nonlocal Electronâ€“Phonon Couplings in Organic Semiconductors: The Naphthalene Crystal as a Case Study. Journal of Physical Chemistry C, 2018, 122, 44-49.	3.1	18
36	Assessing the nature of the charge-transfer electronic states in organic solar cells. Nature Communications, 2018, 9, 5295.	12.8	126

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37	Donor Conjugated Polymers with Polar Side Chain Groups: The Role of Dielectric Constant and Energetic Disorder on Photovoltaic Performance. Advanced Functional Materials, 2018, 28, 1803418.	14.9	42
38	Design rules for minimizing voltage losses in high-efficiency organic solar cells. Nature Materials, 2018, 17, 703-709.	27.5	701
39	Reply to Comment on Polymorphism in the 1:1 Chargeâ€Transfer Complex DBTTFâ€TCNQ and Its Effects on Optical and Electronic Properties. Advanced Electronic Materials, 2017, 3, 1600521.	5.1	2
40	Up-Conversion Intersystem Crossing Rates in Organic Emitters for Thermally Activated Delayed Fluorescence: Impact of the Nature of Singlet vs Triplet Excited States. Journal of the American Chemical Society, 2017, 139, 4042-4051.	13.7	698
41	Charge-Transfer States in Organic Solar Cells: Understanding the Impact of Polarization, Delocalization, and Disorder. ACS Applied Materials & Interfaces, 2017, 9, 18095-18102.	8.0	90
42	Understanding the effects of electronic polarization and delocalization on charge-transport levels in oligoacene systems. Journal of Chemical Physics, 2017, 146, 224705.	3.0	16
43	Electron-phonon coupling in anthracene-pyromellitic dianhydride. Journal of Chemical Physics, 2017, 146, 214705.	3.0	9
44	Energetic fluctuations in amorphous semiconducting polymers: Impact on charge-carrier mobility. Journal of Chemical Physics, 2017, 147, 134904.	3.0	21
45	Electronic Properties of 1,5-Diaminonaphthalene:Tetrahalo-1,4-benzoquinone Donorâ€“Acceptor Cocrystals. Journal of Physical Chemistry C, 2017, 121, 23633-23641.	3.1	25
46	Organic thin films with charge-carrier mobility exceeding that of single crystals. Journal of Materials Chemistry C, 2017, 5, 10313-10319.	5.5	9
47	Impact of Active Layer Morphology on Bimolecular Recombination Dynamics in Organic Solar Cells. Journal of Physical Chemistry C, 2017, 121, 24954-24961.	3.1	26
48	Impact of interfacial molecular orientation on radiative recombination and charge generation efficiency. Nature Communications, 2017, 8, 79.	12.8	198
49	Effect of Solid-State Polarization on Charge-Transfer Excitations and Transport Levels at Organic Interfaces from a Screened Range-Separated Hybrid Functional. Journal of Physical Chemistry Letters, 2017, 8, 3277-3283.	4.6	84
50	To bend or not to bend â€“ are heteroatom interactions within conjugated molecules effective in dictating conformation and planarity?. Materials Horizons, 2016, 3, 333-339.	12.2	78
51	Charge Transport in Crystalline Organic Semiconductors. Materials and Energy, 2016, , 193-230.	0.1	6
52	Polymorphism in the 1:1 Chargeâ€Transfer Complex DBTTFâ€“TCNQ and Its Effects on Optical and Electronic Properties. Advanced Electronic Materials, 2016, 2, 1600203.	5.1	83
53	Packing and Disorder in Substituted Fullerenes. Journal of Physical Chemistry C, 2016, 120, 17242-17250.	3.1	28
54	Description of the Charge Transfer States at the Pentacene/C₆₀ Interface: Combining Range-Separated Hybrid Functionals with the Polarizable Continuum Model. Journal of Physical Chemistry Letters, 2016, 7, 2616-2621.	4.6	66

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55	Characterizing the Polymer:Fullerene Intermolecular Interactions. Chemistry of Materials, 2016, 28, 1446-1452.	6.7	20
56	Temperature-Mediated Polymorphism in Molecular Crystals: The Impact on Crystal Packing and Charge Transport. Chemistry of Materials, 2015, 27, 112-118.	6.7	72
57	Static and Dynamic Energetic Disorders in the C₆₀, PC₆₁BM, C₇₀, and PC₇₁BM Fullerenes. Journal of Physical Chemistry Letters, 2015, 6, 3657-3662.	4.6	101
58	Mode-selective vibrational modulation of charge transport in organic electronic devices. Nature Communications, 2015, 6, 7880.	12.8	72
59	Optical conductivity and optical effective mass in a high-mobility organic semiconductor: Implications for the nature of charge transport. Physical Review B, 2014, 90, .	3.2	15
60	Theoretical description of the geometric and electronic structures of organic-organic interfaces in organic solar cells: a brief review. Science China Chemistry, 2014, 57, 1330-1339.	8.2	6
61	Bistetracene: An Air-Stable, High-Mobility Organic Semiconductor with Extended Conjugation. Journal of the American Chemical Society, 2014, 136, 9248-9251.	13.7	150
62	Impact of Electron Delocalization on the Nature of the Charge-Transfer States in Model Pentacene/C₆₀ Interfaces: A Density Functional Theory Study. Journal of Physical Chemistry C, 2014, 118, 27648-27656.	3.1	80
63	Defectâ€Driven Interfacial Electronic Structures at an Organic/Metalâ€Oxide Semiconductor Heterojunction. Advanced Materials, 2014, 26, 4711-4716.	21.0	46
64	Impact of exact exchange in the description of the electronic structure of organic charge-transfer molecular crystals. Physical Review B, 2014, 90, .	3.2	24
65	Correlating Non-Geminate Recombination with Film Structure: A Comparison of Polythiophene: Fullerene Bilayer and Blend Films. Journal of Physical Chemistry Letters, 2014, 5, 3669-3676.	4.6	9
66	Toward a Robust Quantum-Chemical Description of Organic Mixed-Valence Systems. Journal of Physical Chemistry C, 2014, 118, 3925-3934.	3.1	23
67	Electronic Properties of Mixed-Stack Organic Charge-Transfer Crystals. Journal of Physical Chemistry C, 2014, 118, 14150-14156.	3.1	79
68	Theoretical Study of the Local and Charge-Transfer Excitations in Model Complexes of Pentacene-C₆₀ Using Tuned Range-Separated Hybrid Functionals. Journal of Chemical Theory and Computation, 2014, 10, 2379-2388.	5.3	77
69	Vibrationâ€Assisted Crystallization Improves Organic/Dielectric Interface in Organic Thinâ€Film Transistors. Advanced Materials, 2013, 25, 6956-6962.	21.0	65
70	Dipolar Ferrocene and Ruthenocene Second-Order Nonlinear Optical Chromophores: A Time-Dependent Density Functional Theory Investigation of Their Absorption Spectra. Organometallics, 2013, 32, 6061-6068.	2.3	38
71	Triisopropylsilylethynylâ€Functionalized Grapheneâ€Like Fragment Semiconductors: Synthesis, Crystal Packing, and Density Functional Theory Calculations. Chemistry - A European Journal, 2013, 19, 17907-17916.	3.3	48
72	Intrinsic charge transport in single crystals of organic molecular semiconductors: A theoretical perspective. MRS Bulletin, 2013, 38, 57-64.	3.5	53

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73	Electronic-Structure Theory of Organic Semiconductors: Charge-Transport Parameters and Metal/Organic Interfaces. Annual Review of Materials Research, 2013, 43, 63-87.	9.3	62
74	Understanding the Density Functional Dependence of DFT-Calculated Electronic Couplings in Organic Semiconductors. Journal of Physical Chemistry Letters, 2013, 4, 919-924.	4.6	79
75	Role of band states and trap states in the electrical properties of organic semiconductors: Hopping versus mobility edge model. Physical Review B, 2013, 87, .	3.2	57
76	Experimental Reorganization Energies of Pentacene and Perfluoropentacene: Effects of Perfluorination. Journal of Physical Chemistry C, 2013, 117, 22428-22437.	3.1	53
77	Nonlocal electron-phonon coupling in organic semiconductor crystals: The role of acoustic lattice vibrations. Journal of Chemical Physics, 2013, 138, 204713.	3.0	34
78	Organic Thinâ€Film Transistors: Vibrationâ€Assisted Crystallization Improves Organic/Dielectric Interface in Organic Thinâ€Film Transistors (Adv. Mater. 48/2013). Advanced Materials, 2013, 25, 7054-7054.	21.0	0
79	Ïâ€Stacked Oligo(phenylene vinylene)s Based on Pseudoâ€Geminal Substituted [2.2]Paracyclophanes: Impact of Interchain Geometry and Interactions on the Electronic Properties. Angewandte Chemie - International Edition, 2012, 51, 11629-11632.	13.8	44
80	Tuning Delocalization in the Radical Cations of 1,4-Bis[4-(diarylamino)styryl]benzenes, 2,5-Bis[4-(diarylamino)styryl]thiophenes, and 2,5-Bis[4-(diarylamino)styryl]pyrroles through Substituent Effects. Journal of the American Chemical Society, 2012, 134, 10146-10155.	13.7	72
81	Thermal Narrowing of the Electronic Bandwidths in Organic Molecular Semiconductors: Impact of the Crystal Thermal Expansion. Journal of Physical Chemistry Letters, 2012, 3, 3325-3329.	4.6	56
82	Prediction of Remarkable Ambipolar Charge-Transport Characteristics in Organic Mixed-Stack Charge-Transfer Crystals. Journal of the American Chemical Society, 2012, 134, 2340-2347.	13.7	245
83	Symmetry effects on nonlocal electron-phonon coupling in organic semiconductors. Physical Review B, 2012, 85, .	3.2	48
84	Factors Governing Intercalation of Fullerenes and Other Small Molecules Between the Side Chains of Semiconducting Polymers Used in Solar Cells. Advanced Energy Materials, 2012, 2, 1208-1217.	19.5	97
85	Ultralow Doping in Organic Semiconductors: Evidence of Trap Filling. Physical Review Letters, 2012, 109, 176601.	7.8	231
86	Nonlocal electron-phonon coupling in the pentacene crystal: Beyond the Î“-point approximation. Journal of Chemical Physics, 2012, 137, 164303.	3.0	48
87	Closely Stacked Oligo(phenylene ethynylene)s: Effect of Ï€-Stacking on the Electronic Properties of Conjugated Chromophores. Journal of the American Chemical Society, 2012, 134, 7176-7185.	13.7	96
88	The Impact of Molecular Orientation on the Photovoltaic Properties of a Phthalocyanine/Fullerene Heterojunction. Advanced Functional Materials, 2012, 22, 2987-2995.	14.9	298
89	Theoretical Investigation of Triscarbazole Derivatives As Host Materials for Blue Electrophosphorescence: Effects of Topology. Chemistry of Materials, 2011, 23, 5223-5230.	6.7	53
90	A comparative theoretical study of exciton-dissociation and charge-recombination processes in oligothiophene/fullerene and oligothiophene/perylenediimide complexes for organic solar cells. Journal of Materials Chemistry, 2011, 21, 1479.	6.7	112

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91	Theoretical study of substitution effects on molecular reorganization energy in organic semiconductors. Journal of Chemical Physics, 2011, 135, 104703.	3.0	52
92	Polymers with Carbazole-Oxadiazole Side Chains as Ambipolar Hosts for Phosphorescent Light-Emitting Diodes. Chemistry of Materials, 2011, 23, 4002-4015.	6.7	67
93	Design of Efficient Ambipolar Host Materials for Organic Blue Electrophosphorescence: Theoretical Characterization of Hosts Based on Carbazole Derivatives. Journal of the American Chemical Society, 2011, 133, 17895-17900.	13.7	116
94	Hexaazatriphenylene (HAT) versus triâ€HAT: The Bigger the Better?. Chemistry - A European Journal, 2011, 17, 10312-10322.	3.3	40
95	Influence of Structural Dynamics on Polarization Energies in Anthracene Single Crystals. Journal of Physical Chemistry C, 2010, 114, 20678-20685.	3.1	86
96	Phosphine Oxide Derivatives as Hosts for Blue Phosphors: A Joint Theoretical and Experimental Study of Their Electronic Structure. Chemistry of Materials, 2010, 22, 247-254.	6.7	95
97	Interaction of Charge Carriers with Lattice Vibrations in Oligoacene Crystals from Naphthalene to Pentacene. Journal of the American Chemical Society, 2010, 132, 14437-14446.	13.7	128
98	Electronic and Optical Properties of 4H-Cyclopenta[2,1-b:3,4-bâ€²]bithiophene Derivatives and Their 4-Heteroatom-Substituted Analogues: A Joint Theoretical and Experimental Comparison. Journal of Physical Chemistry B, 2010, 114, 14397-14407.	2.6	64
99	Electronic structure of the pentaceneâ€“gold interface: A density-functional theory study. Organic Electronics, 2009, 10, 1571-1578.	2.6	25
100	Molecular Understanding of Organic Solar Cells: The Challenges. Accounts of Chemical Research, 2009, 42, 1691-1699.	15.6	1,291
101	Photophysical Properties of an Alkyne-Bridged Bis(zinc porphyrin)â^'Perylene Bis(dicarboximide) Derivative. Journal of Physical Chemistry A, 2009, 113, 10826-10832.	2.5	41
102	Dipolar Second-Order Nonlinear Optical Chromophores Containing Ferrocene, Octamethylferrocene, and Ruthenocene Donors and Strong Ï€-Acceptors: Crystal Structures and Comparison of Ï€-Donor Strengths. Organometallics, 2009, 28, 1350-1357.	2.3	43
103	Intramolecular Electron-Transfer Rates in Mixed-Valence Triarylamines: Measurement by Variable-Temperature ESR Spectroscopy and Comparison with Optical Data. Journal of the American Chemical Society, 2009, 131, 1717-1723.	13.7	75
104	Impact of Perfluorination on the Charge-Transport Parameters of Oligoacene Crystals. Journal of the American Chemical Society, 2009, 131, 1502-1512.	13.7	174
105	Interaction of Charge Carriers with Lattice Vibrations in Organic Molecular Semiconductors: Naphthalene as a Case Study. Journal of Physical Chemistry C, 2009, 113, 4679-4686.	3.1	102
106	Electronic Structure and Charge-Transport Parameters of Functionalized Tetracene Crystals: Impact of Partial Fluorination and Alkyl or Alkoxy Derivatization. Chemistry of Materials, 2009, 21, 3593-3601.	6.7	41
107	Exciton-Dissociation and Charge-Recombination Processes in Pentacene/C₆₀ Solar Cells: Theoretical Insight into the Impact of Interface Geometry. Journal of the American Chemical Society, 2009, 131, 15777-15783.	13.7	275
108	Quantum-Chemical Approach to Electronic Coupling:â€‰ Application to Charge Separation and Charge Recombination Pathways in a Model Molecular Donorâ^'Acceptor System for Organic Solar Cells. Journal of Physical Chemistry C, 2008, 112, 3429-3433.	3.1	69

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109	Charge-Transport Properties of the 1,4-Diiodobenzene Crystal: A Quantum-Mechanical Study. Chemistry of Materials, 2008, 20, 5832-5838.	6.7	17
110	Intersystem Crossing Processes in Nonplanar Aromatic Heterocyclic Molecules. Journal of Physical Chemistry A, 2007, 111, 10490-10499.	2.5	261
111	Charge Transport Parameters of the Pentathienoacene Crystal. Journal of the American Chemical Society, 2007, 129, 13072-13081.	13.7	153
112	Bis[bisâ€(4â€alkoxyphenyl)amino] Derivatives of Dithienylethene, Bithiophene, Dithienothiophene and Dithienopyrrole: Palladiumâ€Catalysed Synthesis and Highly Delocalised Radical Cations. Chemistry - A European Journal, 2007, 13, 9637-9646.	3.3	72
113	Charge Transport in Organic Semiconductors. Chemical Reviews, 2007, 107, 926-952.	47.7	3,853
114	Vibronic Coupling in the Ground and Excited States of Oligoacene Cationsâ€. Journal of Physical Chemistry B, 2006, 110, 18904-18911.	2.6	140
115	Effect of Electronic Polarization on Charge-Transport Parameters in Molecular Organic Semiconductors. Journal of the American Chemical Society, 2006, 128, 9882-9886.	13.7	756
116	Probing Charge Transport in Ï€-Stacked Fluorene-Based Systems. Journal of Physical Chemistry B, 2006, 110, 9482-9487.	2.6	64
117	Isolation and Crystal Structures of Two Singlet Bis(Triarylamine) Dications with Nonquinoidal Geometries. Journal of the American Chemical Society, 2006, 128, 1812-1817.	13.7	78
118	A New Class of Mixed-Valence Systems with Orbitally Degenerate Organic Redox Centers. Examples Based on Hexa-Rhenium Molecular Prisms. Journal of the American Chemical Society, 2006, 128, 12592-12593.	13.7	83
119	A polarized response. Nature Materials, 2006, 5, 929-930.	27.5	27
120	Vibronic Coupling in Organic Semiconductors: The Case of Fused Polycyclic Benzeneâ€“Thiophene Structures. Chemistry - A European Journal, 2006, 12, 2073-2080.	3.3	74
121	Borderline Class II/III Ligand-Centered Mixed Valency in a Porphyrinic Molecular Rectangle. Inorganic Chemistry, 2005, 44, 5789-5797.	4.0	42
122	Electronic Coupling in Tetraanisylarylenediamine Mixed-Valence Systems:Â The Interplay between Bridge Energy and Geometric Factors. Journal of the American Chemical Society, 2005, 127, 8508-8516.	13.7	107
123	Intervalence Transitions in the Mixed-Valence Monocations of Bis(triarylamines) Linked with Vinylene and Phenyleneâ^'Vinylene Bridges. Journal of the American Chemical Society, 2005, 127, 16900-16911.	13.7	135
124	Charge Transport Properties in Discotic Liquid Crystals:â€‰ A Quantum-Chemical Insight into Structureâ^'Property Relationships. Journal of the American Chemical Society, 2004, 126, 3271-3279.	13.7	464
125	Electronic Couplings in Organic Mixed-Valence Compounds:Â The Contribution of Photoelectron Spectroscopy. Journal of the American Chemical Society, 2004, 126, 2727-2731.	13.7	85
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127	Charge-Transfer and Energy-Transfer Processes in Ï€-Conjugated Oligomers and Polymers:Â A Molecular Picture. Chemical Reviews, 2004, 104, 4971-5004.	47.7	2,539
128	The Vibrational Reorganization Energy in Pentacene:â€‰ Molecular Influences on Charge Transport. Journal of the American Chemical Society, 2002, 124, 7918-7919.	13.7	425
129	Charge-Transfer States at Organic-Organic Interfaces: Impact on Charge Recombination Processes. , 0, , .		0
130	Resolving atomic-scale interactions in non-fullerene acceptor organic solar cells by high-field NMR crystallography. , 0, , .		0