

Adele Sassella

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3273568/publications.pdf>

Version: 2024-02-01

183
papers

3,239
citations

159585

30
h-index

206112

48
g-index

185
all docs

185
docs citations

185
times ranked

2708
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen precipitation in silicon. <i>Journal of Applied Physics</i> , 1995, 77, 4169-4244.	2.5	466
2	Superradiance in Molecular H Aggregates. <i>Physical Review Letters</i> , 2003, 91, 247401.	7.8	117
3	Infrared study of Si-rich silicon oxide films deposited by plasma-enhanced chemical vapor deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1997, 15, 377-389.	2.1	86
4	Characterization of porous silicon inhomogeneities by high spatial resolution infrared spectroscopy. <i>Solid State Communications</i> , 1993, 87, 1-4.	1.9	78
5	Regioregular polythiophene field-effect transistors employed as chemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2003, 93, 257-262.	7.8	77
6	Dye-sensitized solar cells: spectroscopic evaluation of dye loading on TiO ₂ . <i>Journal of Materials Chemistry</i> , 2012, 22, 11364.	6.7	73
7	Organic/Organic Epitaxy of Incommensurate Systems: Quaterthiophene on Potassium Hydrogen Phthalate Single Crystals. <i>Journal of the American Chemical Society</i> , 2006, 128, 13378-13387.	13.7	71
8	Intrinsic Excitonic Luminescence in Odd and Even Numbered Oligothiophenes. <i>Physical Review Letters</i> , 2002, 89, 157403.	7.8	51
9	Stable Alignment of Tautomers at Room Temperature in Porphyrin 2D Layers. <i>Advanced Functional Materials</i> , 2014, 24, 958-963.	14.9	51
10	Crystal Structure of Epitaxial Quaterthiophene Thin Films Grown on Potassium Acid Phthalate. <i>Advanced Materials</i> , 2001, 13, 127-130.	21.0	45
11	Bulk electrical properties of rubrene single crystals: Measurements and analysis. <i>Physical Review B</i> , 2008, 77, .	3.2	43
12	Preparation of highly pure quaterthiophene and role of impurities on its photoluminescence properties. <i>Journal of Materials Chemistry</i> , 2004, 14, 171-178.	6.7	42
13	Effect of functionalization on the self-assembling propensity of β -sheet forming peptides. <i>Soft Matter</i> , 2009, 5, 660-668.	2.7	41
14	Infrared study of oxygen precipitate composition in silicon. <i>Physical Review B</i> , 1992, 46, 4123-4127.	3.2	40
15	A new apparatus for ultra-high vacuum organic molecular beam deposition. <i>Optical Materials</i> , 1998, 9, 437-444.	3.6	40
16	The application of reflectance anisotropy spectroscopy to organics deposition. <i>Organic Electronics</i> , 2004, 5, 73-81.	2.6	40
17	Induction-model analysis of Si-H stretching mode in porous silicon. <i>Solid State Communications</i> , 1994, 89, 615-618.	1.9	37
18	Highly sensitive optical monitoring of molecular film growth by organic molecular beam deposition. <i>Applied Physics Letters</i> , 2003, 83, 4146-4148.	3.3	37

#	ARTICLE	IF	CITATIONS
19	Organic Heteroepitaxy of Semiconductor Crystals: Quaterthiophene on Rubrene. <i>Chemistry of Materials</i> , 2009, 21, 4859-4867.	6.7	36
20	Solid State Organic X-Ray Detectors Based on Rubrene Single Crystals. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 1791-1797.	2.0	36
21	Organic Molecular Beam Deposition of Highly Oriented Tetrahexylsexithiophene Films. <i>Advanced Materials</i> , 1998, 10, 931-934.	21.0	35
22	Incommensurate Epitaxy of Tetrathiophene on Potassium Hydrogen Phthalate: Insights from Molecular Simulation. <i>Crystal Growth and Design</i> , 2006, 6, 1826-1832.	3.0	34
23	Infrared response of oxygen precipitates in silicon: Experimental and simulated spectra. <i>Applied Physics Letters</i> , 1999, 75, 1131-1133.	3.3	33
24	Structural characterisation of single crystals and thin films of dihexylquaterthiophene. <i>Journal of Materials Chemistry</i> , 2005, 15, 2444.	6.7	33
25	Strategies for two-dimensional growth of organic molecular films. <i>Chemical Physics</i> , 2006, 325, 193-206.	1.9	33
26	Kinetic Phase Selection of Rubrene Heteroepitaxial Domains. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20927-20933.	3.1	33
27	Characterization of silicon dioxide and phosphosilicate glass deposited films. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1993, 11, 2081.	1.6	32
28	Photoluminescence and infrared spectroscopy for the study of defects in silicon for photovoltaic applications. <i>Solar Energy Materials and Solar Cells</i> , 2014, 130, 696-703.	6.2	32
29	Optical properties of highly oriented quaterthiophene thin films grown by organic molecular-beam deposition. <i>Physical Review B</i> , 2000, 62, 11170-11176.	3.2	30
30	Stray-light induced artefacts in absorption spectra of crystalline oligothiophenes. <i>European Physical Journal B</i> , 2002, 28, 385-388.	1.5	30
31	Epitaxially grown sexiphenyl nanocrystals on the organic KAP(010) surface. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 41, 133-137.	2.7	30
32	Crystal structure of polycrystalline films of quaterthiophene grown by organic molecular beam deposition. <i>Synthetic Metals</i> , 2003, 138, 125-130.	3.9	29
33	Oxidation Dynamics of Epitaxial Rubrene Ultrathin Films. <i>Chemistry of Materials</i> , 2011, 23, 3246-3253.	6.7	26
34	Stability to photo-oxidation of rubrene and fluorine-substituted rubrene. <i>Synthetic Metals</i> , 2012, 161, 2603-2606.	3.9	26
35	Unique Orientation of Organic Epitaxial Thin Films: The Role of Intermolecular Interactions at the Interface and Surface Symmetry. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5880-5885.	3.1	25
36	Connecting molecule oxidation to single crystal structural and charge transport properties in rubrene derivatives. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4147-4155.	5.5	25

#	ARTICLE	IF	CITATIONS
37	Homoepitaxial Growth of Γ -Hexathiophene. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12741-12746.	3.1	24
38	Control of π - π Interactions in Epitaxial Films of Platinum(II) Octaethyl Porphyrin. <i>Chemistry of Materials</i> , 2011, 23, 832-840.	6.7	24
39	Synthesis and Properties of Some Derivatives of 1,2,3,4-Tetrafluoroacridine for Solid State Emitting Systems. <i>Chemistry of Materials</i> , 2003, 15, 5010-5018.	6.7	23
40	Thickness measurements by quartz microbalance during thin-film growth by organic-molecular-beam deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2004, 22, 482.	2.1	23
41	Tuning the growth mode in organic molecular-beam epitaxy. <i>Physical Review B</i> , 2005, 71, .	3.2	23
42	Probing Two-Dimensional vs Three-Dimensional Molecular Aggregation in Metal-Free Tetraphenylporphyrin Thin Films by Optical Anisotropy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15649-15655.	3.1	23
43	Tetrahedron model for the optical dielectric function of H-rich silicon oxynitride. <i>Physical Review B</i> , 1993, 48, 14208-14215.	3.2	22
44	Broad and narrow bands in the photoluminescence spectrum of solid-state oligothiophenes: Two marks of an intrinsic emission. <i>Physical Review B</i> , 2003, 67, .	3.2	22
45	Heteroepitaxy of Γ -Quaterthiophene on Tetracene Single Crystals. <i>Journal of Physical Chemistry C</i> , 2007, 111, 19009-19014.	3.1	22
46	Growth dynamics of quaterthiophene thin films. <i>Journal of Materials Chemistry</i> , 2003, 13, 1669.	6.7	20
47	Epitaxial Interfaces in Rubrene Thin Film Heterostructures. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13981-13988.	3.1	20
48	Spectroscopic study of SiC _x like structures formed on polycrystalline silicon sheets during growth. <i>Journal of Applied Physics</i> , 1994, 75, 3586-3592.	2.5	19
49	Raman line profile in polycrystalline silicon. <i>Journal of Applied Physics</i> , 1999, 86, 4383-4386.	2.5	19
50	Role of Desorption in the Growth Process of Molecular Organic Thin Films. <i>Journal of Physical Chemistry B</i> , 2005, 109, 7859-7864.	2.6	19
51	Direct observation of the epitaxial growth of molecular layers on molecular single crystals. <i>Applied Physics Letters</i> , 2006, 89, 261905.	3.3	19
52	Epitaxial growth of organic heterostructures: Morphology, structure, and growth mode. <i>Surface Science</i> , 2007, 601, 2571-2575.	1.9	18
53	Pseudomorphic growth of organic semiconductor thin films driven by incommensurate epitaxy. <i>Applied Physics Letters</i> , 2009, 94, 073307.	3.3	17
54	Quantitative determination of high-temperature oxygen microprecipitates in Czochralski silicon by micro-Fourier transform infrared spectroscopy. <i>Applied Physics Letters</i> , 1991, 58, 2099-2101.	3.3	16

#	ARTICLE	IF	CITATIONS
55	Si—H bonding configuration in SiOx: N,H films deposited by chemical vapor deposition. Solid State Communications, 1996, 100, 657-661.	1.9	16
56	Ellipsometric characterization of amorphous and polycrystalline silicon films deposited using a single wafer reactor. Applied Physics Letters, 1997, 70, 892-894.	3.3	16
57	Generalized anisotropic ellipsometry applied to an organic single crystal: Potassium acid phthalate. Journal of Applied Physics, 2001, 90, 3838-3842.	2.5	16
58	Reflectance anisotropy spectroscopy: A probe to explore organic epitaxial growth. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2009, 27, 1029-1034.	2.1	16
59	Probing phase transitions and stability of organic semiconductor single crystals by dielectric investigation. Journal of Applied Physics, 2011, 109, 013529.	2.5	16
60	Epitaxial Growth of Organic Semiconductor Polymorphs on Natural Amino Acid Single Crystals. Crystal Growth and Design, 2013, 13, 4268-4278.	3.0	16
61	Optical properties of oriented thin films of oligothiophenes. Synthetic Metals, 1999, 101, 538-541.	3.9	15
62	Organic—organic heteroepitaxy: facts, concepts and perspectives. Crystal Research and Technology, 2011, 46, 827-832.	1.3	15
63	Optical Properties of Blends: Influence of Mixing-Induced Disorder in Pentacene:Diindenoperylene versus Perfluoropentacene:Diindenoperylene. Journal of Physical Chemistry C, 2013, 117, 13952-13960.	3.1	15
64	Change of cobalt magnetic anisotropy and spin polarization with alkanethiolates self-assembled monolayers. New Journal of Physics, 2015, 17, 063022.	2.9	15
65	Growth and properties of nanostructured titanium dioxide deposited by supersonic plasma jet deposition. Applied Surface Science, 2017, 425, 407-415.	6.1	15
66	Polarization effect on infrared absorption of oxygen precipitates in silicon. Applied Physics Letters, 1992, 60, 871-873.	3.3	14
67	Infrared characterization of oxygen precipitates in silicon wafers with different concentrations of interstitial oxygen. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2000, 73, 145-148.	3.5	14
68	The origin of radiative emission of quaterthiophene ultra-thin films. Synthetic Metals, 2001, 121, 1355-1356.	3.9	14
69	Grazing-incidence X-ray diffraction study of rubrene epitaxial thin films. Journal of Synchrotron Radiation, 2012, 19, 682-687.	2.4	14
70	Patterned Growth of Crystalline Organic Heterostructures. Advanced Materials, 2013, 25, 2804-2808.	21.0	14
71	Substrate Selection for Full Exploitation of Organic Semiconductor Films: Epitaxial Rubrene on L-Alanine Single Crystals. Advanced Materials Interfaces, 2015, 2, 1500423.	3.7	14
72	Stoichiometry of oxygen precipitates in silicon. Applied Surface Science, 1993, 63, 245-248.	6.1	13

#	ARTICLE	IF	CITATIONS
73	Optical characterization of oxynitride films in the visible-ultraviolet range. Applied Physics A: Materials Science and Processing, 1993, 56, 147-152.	2.3	13
74	In situ Cr gettering in polycrystalline silicon sheets obtained by edge-defined film-growth. Applied Physics Letters, 1993, 62, 2664-2666.	3.3	13
75	Annealing effects on silicon-rich oxide films studied by spectroscopic ellipsometry. Thin Solid Films, 1998, 325, 36-41.	1.8	12
76	Photoexcitations in oriented tetrahexyl-sexithiophene thin films. Physical Review B, 1999, 60, 6039-6044.	3.2	12
77	Influence of molecular arrangement and morphology on optical spectra of oligothiophene heterostructures grown by organic molecular-beam deposition. Physical Review B, 2002, 65, .	3.2	12
78	Characterization of organic semiconductors by a large-signal capacitance-voltage method at high and low frequencies. Synthetic Metals, 2003, 138, 15-19.	3.9	12
79	In situ optical investigation of oligothiophene layers grown by organic molecular beam epitaxy. Journal of Physics Condensed Matter, 2004, 16, S4393-S4402.	1.8	12
80	Absorbance spectra of polycrystalline samples and twinned crystals of oligothiophenes. Applied Surface Science, 2006, 253, 271-274.	6.1	12
81	Experimental assessment of nonergodicity in tetracene single crystals. Physical Review B, 2012, 86, .	3.2	12
82	Controlling drop-casting deposition of 2D Pt-octaethyl porphyrin layers on graphite. Synthetic Metals, 2014, 195, 201-207.	3.9	12
83	Interaction of ambient gas and meniscus surface during growth of edge-defined film-growth polycrystalline silicon samples. Journal of Applied Physics, 1991, 70, 2963-2967.	2.5	11
84	Effect of annealing on carbon concentration in edge-defined film-growth grown polycrystalline silicon. Journal of Applied Physics, 1992, 71, 3785-3787.	2.5	11
85	Evidence of postdeposition nucleation in organic molecular thin films. Physical Review B, 2004, 69, .	3.2	11
86	Porphyrin Nanowires with Epitaxially Locked Uniaxial Orientation. Journal of Physical Chemistry C, 2015, 119, 18210-18215.	3.1	11
87	Optimization of Copper Stain Removal from Marble through the Formation of Cu(II) Complexes in Agar Gels. Gels, 2021, 7, 111.	4.5	11
88	Silicon oxynitride study by the tetrahedron model and by spectroscopic ellipsometry. Journal of Non-Crystalline Solids, 1995, 187, 395-402.	3.1	10
89	Optical response of Cu ₃ Ge thin films. Journal of Applied Physics, 1996, 79, 8115-8117.	2.5	10
90	Growth-related properties and postgrowth phenomena in organic molecular thin films. Journal of Chemical Physics, 2007, 127, 244703.	3.0	10

#	ARTICLE	IF	CITATIONS
91	Kelvin Probe Force Microscopy Characterization of Self-Assembled Monolayers on Metals Deposited with Dip-Pen Nanolithography. <i>Journal of Physical Chemistry C</i> , 2009, 113, 8329-8335.	3.1	10
92	Spectroscopic ellipsometry study of the relaxation state of amorphous silicon. <i>Thin Solid Films</i> , 1993, 233, 203-206.	1.8	9
93	Experimental evidence of the crossover between bulk and thin-film optics. <i>Physical Review B</i> , 1994, 50, 17756-17758.	3.2	9
94	Non-doping light impurities in silicon for solar cells. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1996, 36, 55-62.	3.5	9
95	Quantitative Evaluation of Precipitated Oxygen in Silicon by Infrared Spectroscopy: Still an Open Problem. <i>Journal of the Electrochemical Society</i> , 1998, 145, 1715-1719.	2.9	9
96	Structural characterization of tetrahexyl sexithiophene ordered films grown by organic molecular beam deposition. <i>Optical Materials</i> , 1999, 12, 301-305.	3.6	9
97	Optical absorption of precipitated oxygen in silicon at liquid helium temperature. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2000, 73, 224-229.	3.5	9
98	Growth of quaterthiophene thin films on potassium acid phthalate by organic molecular beam deposition. <i>Synthetic Metals</i> , 2001, 121, 1421-1422.	3.9	9
99	Epitaxial growth of quaterthiophene thin films by organic molecular beam deposition. <i>Vacuum</i> , 2001, 61, 193-197.	3.5	9
100	Temperature activated de-trapping processes in vacuum deposited sexithiophene thin films. <i>Synthetic Metals</i> , 2002, 128, 63-66.	3.9	9
101	Magnetically Driven Growth of Anthracene Thin Films by Organic Molecular Beam Deposition. <i>Journal of Physical Chemistry B</i> , 2005, 109, 5150-5155.	2.6	9
102	Unconventional post-deposition chemical treatment on ultra-thin $H_{2\langle}/sub\rangle$ TPP film grown on graphite. <i>Crystal Research and Technology</i> , 2014, 49, 581-586.	1.3	9
103	Orientation and order of \hat{I}^2 -tetrahexyl-sexithiophene molecules deposited by organic molecular beam deposition. <i>Synthetic Metals</i> , 1998, 98, 83-86.	3.9	8
104	Structural characterisation of ultra-high vacuum sublimated polycrystalline thin films of hexathiophene. <i>Thin Solid Films</i> , 2006, 500, 169-173.	1.8	8
105	Oxygen precipitates in short-time annealed Czochralski silicon. <i>Journal of Crystal Growth</i> , 1993, 126, 63-69.	1.5	7
106	Giant Faraday rotation in diluted magnetic semiconductor $Cd_{1-x}Fe_xTe$. <i>Solid State Communications</i> , 1994, 92, 725-729.	1.9	7
107	Influence of roughness and grain dimension on the optical functions of polycrystalline silicon films. <i>Thin Solid Films</i> , 1998, 313-314, 243-247.	1.8	7
108	Spectroscopic ellipsometry measurements on an anisotropic organic crystal: potassium acid phthalate. <i>Thin Solid Films</i> , 1998, 313-314, 347-350.	1.8	7

#	ARTICLE	IF	CITATIONS
109	Influence of different growth and nucleation times on optical spectra of precipitated oxygen in silicon. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2000, 73, 149-153.	3.5	7
110	Electrical characterization of organic semiconductors by transient current methods. <i>Synthetic Metals</i> , 2001, 122, 169-171.	3.9	7
111	Measurement of interstitial oxygen concentration in silicon below 10^{15} atoms/cm ³ . <i>Applied Physics Letters</i> , 2001, 79, 4339-4341.	3.3	7
112	Directional dispersion in quaterthiophene single crystals and oriented thin films. <i>Journal of Luminescence</i> , 2005, 112, 312-315.	3.1	7
113	Tetracene thin films grown by organic molecular beam deposition under a static magnetic field. <i>Journal of Chemical Physics</i> , 2006, 124, 224705.	3.0	7
114	Real time detection of the epitaxial growth of oligothiophene layers by reflectance anisotropy spectroscopy. <i>Surface Science</i> , 2007, 601, 4488-4491.	1.9	7
115	Optical and morphological properties of ultra-thin H ₂ TPP, H ₄ TPP and ZnTPP films. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 100-104.	1.5	7
116	Homogeneity of carbon microdistribution in edge-defined film-fed grown polycrystalline silicon. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1993, 18, 122-128.	3.5	6
117	Molecular beam deposition of thin films of organic semiconductors. <i>Journal of Crystal Growth</i> , 1999, 201-202, 1044-1048.	1.5	6
118	Optical properties of thin films of oligothiophenes deposited by organic molecular beam deposition. <i>Synthetic Metals</i> , 2001, 116, 213-216.	3.9	6
119	Thermal model of Knudsen cells for organic molecular beam deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001, 19, 878-882.	2.1	6
120	Influence of the substrate on the growth of 1,4-dihexyl-quaterthiophene thin films by organic molecular beam deposition. <i>Journal of Crystal Growth</i> , 2002, 235, 241-247.	1.5	6
121	Absorption and emission properties of 1,4-dihexyl-quaterthiophene thin films grown by organic molecular beam deposition. <i>Synthetic Metals</i> , 2003, 138, 55-58.	3.9	6
122	Reflectance spectra of quinquethiophene single crystals. <i>Synthetic Metals</i> , 2003, 139, 873-875.	3.9	6
123	Using atomic force microscopy to reveal the nature of extended defects in organic semiconductors: the role of crystal growth mechanisms. <i>Journal of Physics: Conference Series</i> , 2007, 61, 831-835.	0.4	6
124	Formation of Ge islands from a Ge layer on Si substrate during post-growth annealing. <i>Applied Surface Science</i> , 2007, 253, 3034-3040.	6.1	6
125	Growth of pseudomorphic structures through organic epitaxy. <i>Journal of Chemical Physics</i> , 2012, 137, 224703.	3.0	6
126	Organic epitaxial layers on organic substrates. <i>Crystal Research and Technology</i> , 2013, 48, 840-848.	1.3	6

#	ARTICLE	IF	CITATIONS
127	Detecting the NIR Fingerprint of Colors: The Characteristic Response of Modern Blue Pigments. <i>Heritage</i> , 2019, 2, 2255-2261.	1.9	6
128	Optical properties of polycrystalline silicon thin films deposited by single-wafer chemical vapor deposition. <i>Thin Solid Films</i> , 1997, 296, 91-93.	1.8	5
129	Anisotropic optical functions of pentaerythrytol, an uniaxial organic crystal. <i>Thin Solid Films</i> , 2004, 455-456, 576-580.	1.8	5
130	Organisation, structure and morphology of organic thin films via electron microscopy. <i>Organic Electronics</i> , 2004, 5, 7-22.	2.6	5
131	Infrared determination of interstitial oxygen behavior during epitaxial silicon growth on Czochralski substrates. <i>Journal of Applied Physics</i> , 1992, 72, 4313-4320.	2.5	4
132	Ellipsometric characterization of hydrogen-rich oxynitride films. <i>Thin Solid Films</i> , 1993, 233, 227-230.	1.8	4
133	Highly Sensitive Optical Method for the Characterization of SiO_2 Films in Bonded Wafers. <i>Japanese Journal of Applied Physics</i> , 1995, 34, L1409-L1411.	1.5	4
134	Optical characterization of amorphous dielectric films. <i>Advanced Materials</i> , 1996, 8, 349-352.	21.0	4
135	Defects Involving Oxygen in Crystalline Silicon. <i>Solid State Phenomena</i> , 2001, 85-86, 285-316.	0.3	4
136	Absorption coefficient of sexithiophene thin films grown by organic molecular beam deposition. <i>Synthetic Metals</i> , 2001, 121, 1419-1420.	3.9	4
137	Studies of photoreflectance spectra in $\text{Cd}_{1-x}\text{Mn}_x\text{Te}/\text{CdTe}$ superlattices with high compositions. <i>Journal of Applied Physics</i> , 2002, 92, 5169-5172.	2.5	4
138	Charge injection and transport in tetra-phenyl-porphyrin. <i>Synthetic Metals</i> , 2003, 138, 255-260.	3.9	4
139	Structural characterisation of polycrystalline α,ω -dihexyl quaterthiophene thin films by transmission electron microscopy. <i>Organic Electronics</i> , 2004, 5, 141-145.	2.6	4
140	Trap state photoluminescence in solid state quaterthiophene. <i>Thin Solid Films</i> , 2005, 474, 230-234.	1.8	4
141	XRR and GISAXS study of silicon oxynitride films. <i>Applied Surface Science</i> , 2006, 253, 33-37.	6.1	4
142	Organic Electronics: Stable Alignment of Tautomers at Room Temperature in Porphyrin 2D Layers (Adv.) <i>Tj ETQq0 0,0 ggBT/Overlock 10</i>	14.9	4
143	Oxidation of Crystalline Rubrene Films: Evidence of an Epitaxial Native Oxide Layer. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700670.	3.7	4
144	Reflectance anisotropy spectroscopy applied to organic thin films: The role of the substrate. <i>Organic Electronics</i> , 2018, 62, 102-106.	2.6	4

#	ARTICLE	IF	CITATIONS
145	Control of post-growth processes for the selection of metallo-tetraphenylporphyrin nanowires. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 8482-8488.	2.8	4
146	Nature of Optical Excitations in Porphyrin Crystals: A Joint Experimental and Theoretical Study. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 869-875.	4.6	4
147	Optical absorption edge of Cd _{1-x} Mn _x Ga ₂ Se ₄ crystals. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1992, 14, 33-39.	0.4	3
148	Evaluation of the precipitate contribution to the infrared absorption in interstitial oxygen measurements in silicon. <i>Applied Physics Letters</i> , 2001, 79, 4106-4108.	3.3	3
149	Structural and optical study on a single crystal of a novel fluorinated acridine. <i>European Physical Journal B</i> , 2004, 39, 229-234.	1.5	3
150	Extended defects in organic molecular semiconductors: the role of crystal growth mechanisms. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 711-714.	0.8	3
151	Chemical separation of acrylic color components enabling the identification of the pigment spectroscopic response. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	3
152	Lenticular Ga-oxide nanostructures in thin amorphous germanosilicate layers - Size control and dimensional constraints. <i>Materials and Design</i> , 2021, 204, 109667.	7.0	3
153	Oxygen Behavior during Silicon Epitaxial Growth: Recent Advances. <i>Materials Science Forum</i> , 1992, 83-87, 1069-1074.	0.3	2
154	Magnetization and magnetic susceptibility of the diluted magnetic semiconductor Cd _{1-x} Mn _x Ga ₂ Se ₄ . <i>Journal of Applied Physics</i> , 1993, 73, 5736-5738.	2.5	2
155	Influence of oxygen precipitation on the measure of interstitial oxygen concentration in silicon from the 1207 cm ⁻¹ infrared absorption band. <i>Journal of Applied Physics</i> , 2002, 91, 166.	2.5	2
156	Gap states produced by oxygen precipitation in Czochralski silicon. <i>Vacuum</i> , 2003, 71, 141-145.	3.5	2
157	Transmittance and reflectance spectra of crystalline 1,4-dihexyl-quaterthiophene thin films. <i>Synthetic Metals</i> , 2003, 139, 877-880.	3.9	2
158	Magnetic behaviour of polyfluoroacridine-based organic molecular materials. <i>European Physical Journal B</i> , 2010, 73, 495-501.	1.5	2
159	Responsive charge transport in wide-band-gap oxide films of nanostructured amorphous alkali-gallium-germanosilicate. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7768-7778.	5.5	2
160	Infrared Study of Oxygen Segregation at Structural Defects in Polycrystalline Silicon. , 1997, , 485-487.		2
161	Unveiling the robustness of porphyrin crystalline nanowires toward aggressive chemicals. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	2
162	Growth of ultrathin films of substituted sexithiophene by organic molecular beam deposition. <i>Synthetic Metals</i> , 1999, 101, 530-531.	3.9	1

#	ARTICLE	IF	CITATIONS
163	Quasi-epitaxial growth of quaterthiophene thin films by organic molecular beam deposition. <i>Synthetic Metals</i> , 2000, 115, 69-73.	3.9	1
164	Absorption coefficient of oxide precipitates in silicon wafers after different three-step annealing. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 102, 247-250.	3.5	1
165	Absorption and propagation of light in quaterthiophene crystals. <i>Journal of Luminescence</i> , 2004, 110, 212-216.	3.1	1
166	Measurement of carrier transport and injection in metal-free tetraphenylporphyrin. <i>Synthetic Metals</i> , 2007, 157, 1029-1033.	3.9	1
167	In-situ study of the interface formation in organic multilayers. <i>Superlattices and Microstructures</i> , 2008, 44, 550-555.	3.1	1
168	Epitaxy of oligothiophenes on alkali metal hydrogen phthalates: Simulations and experiments. <i>Journal of Chemical Physics</i> , 2017, 146, 124701.	3.0	1
169	Boron accumulation at epi-substrate silicon interface during epitaxial growth. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1992, 15, 32-36.	3.5	0
170	Surface mode excitation in platelet SiOx precipitates in silicon. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1996, 36, 221-224.	3.5	0
171	Excited State Electronic Interactions in Oligothiophenes with Novel Supramolecular Structure. <i>Materials Research Society Symposia Proceedings</i> , 1999, 598, 278.	0.1	0
172	Growth of ordered thin films of tris(phenylquinoxaline) by organic molecular beam deposition. <i>Synthetic Metals</i> , 2000, 111-112, 99-103.	3.9	0
173	Optical properties of oligothiophene hetero-structures grown by organic molecular beam deposition. <i>Synthetic Metals</i> , 2001, 124, 71-73.	3.9	0
174	Small angle X-ray scattering study of oxygen precipitation in silicon. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 200, 105-109.	1.4	0
175	Coherent emission from crystalline oligothiophenes with an even number of rings. <i>Synthetic Metals</i> , 2003, 139, 765-768.	3.9	0
176	Coherent excitonic emission in molecular semiconductors. <i>Journal of Luminescence</i> , 2005, 112, 402-406.	3.1	0
177	Growth and characterisation of all-organic heterostructures. , 2006, 6192, 427.		0
178	Comment on: "Magnetic field influence on the molecular alignment of vanadyl phthalocyanine thin films" by. <i>Journal of Crystal Growth</i> , 2007, 299, 436.	1.5	0
179	Novel organic paramagnetic nanofibers and nanostructures: A spectroscopic investigation. <i>Chemical Physics Letters</i> , 2010, 498, 129-133.	2.6	0
180	Stoichiometry of oxygen precipitates in silicon. , 1993, , 245-248.		0

#	ARTICLE	IF	CITATIONS
181	Non-doping light impurities in silicon for solar cells. , 1996, , 55-62.		0
182	Surface mode excitation in platelet SiOx precipitates in silicon. , 1996, , 221-224.		0
183	Cross-sectional Infrared Transmission Measurements for Highly Sensitive Thin Film Characterization. , 1997, , 343-344.		0