

Klaus W Stöckelhuber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9210108/publications.pdf>

Version: 2024-02-01

119
papers

4,625
citations

109321

35
h-index

110387

64
g-index

124
all docs

124
docs citations

124
times ranked

3584
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Development of Liquid Diene Rubber Based Highly Deformable Interactive Fiber-Elastomer Composites. <i>Materials</i> , 2022, 15, 390. | 2.9 | 6 |
| 2 | Conductive epoxidized natural rubber nanocomposite with mechanical and electrical performance boosted by hybrid network structures. <i>Polymer Testing</i> , 2022, 108, 107493. | 4.8 | 11 |
| 3 | Design and fabrication of thermoplastic elastomer with ionic network: A strategy for good performance and shape memory capability. <i>Polymer</i> , 2021, 223, 123699. | 3.8 | 25 |
| 4 | Understanding the Coupling Effect between Lignin and Polybutadiene Elastomer. <i>Journal of Composites Science</i> , 2021, 5, 154. | 3.0 | 9 |
| 5 | Effect of phase selective wetting of hybrid filler on the self-healing properties of rubber blends. <i>Polymer</i> , 2021, 231, 124146. | 3.8 | 6 |
| 6 | Fabrication of a strain sensor from a thermoplastic vulcanizate with an embedded interconnected conducting filler network. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 130, 105763. | 7.6 | 37 |
| 7 | Strain-rate independent small-strain-sensor: Enhanced responsiveness of carbon black filled conductive rubber composites at slow deformation by using an ionic liquid. <i>Composites Science and Technology</i> , 2020, 188, 107972. | 7.8 | 24 |
| 8 | Poly(acrylonitrile-co-butadiene) as polymeric crosslinking accelerator for sulphur network formation. <i>Heliyon</i> , 2020, 6, e04659. | 3.2 | 10 |
| 9 | Effect of Prestrain on the Actuation Characteristics of Dielectric Elastomers. <i>Polymers</i> , 2020, 12, 2694. | 4.5 | 2 |
| 10 | A Comprehensive Study about the Role of Crosslink Density on the Tribological Behavior of DLC Coated Rubber. <i>Materials</i> , 2020, 13, 5460. | 2.9 | 6 |
| 11 | Highly enhanced electrical and mechanical properties of methyl methacrylate modified natural rubber filled with multiwalled carbon nanotubes. <i>Polymer Testing</i> , 2020, 85, 106417. | 4.8 | 21 |
| 12 | Friction, Abrasion and Crack Growth Behavior of In-Situ and Ex-Situ Silica Filled Rubber Composites. <i>Materials</i> , 2020, 13, 270. | 2.9 | 13 |
| 13 | Piezoresistivity - A powerful tool to monitor the behaviour of filler networks in rubber. <i>AIP Conference Proceedings</i> , 2020, , . | 0.4 | 1 |
| 14 | Water-Responsive and Mechanically Adaptive Natural Rubber Composites by in Situ Modification of Mineral Filler Structures. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5168-5175. | 2.6 | 20 |
| 15 | In Situ Polymorphic Alteration of Filler Structures for Biomimetic Mechanically Adaptive Elastomer Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16148-16159. | 8.0 | 12 |
| 16 | Entrapped Styrene Butadiene Polymer Chains by Sol-Gel-Derived Silica Nanoparticles with Hierarchical Raspberry Structures. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2010-2022. | 2.6 | 10 |
| 17 | Conductive elastomer composites with low percolation threshold based on carbon black and epoxidized natural rubber. <i>Polymer Composites</i> , 2018, 39, 1835-1844. | 4.6 | 8 |
| 18 | Blending In Situ Polyurethane-Urea with Different Kinds of Rubber: Performance and Compatibility Aspects. <i>Materials</i> , 2018, 11, 2175. | 2.9 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Determination of phase specific localization of carbon black in ternary rubber blends: A macroscopic approach by fourier transform infrared spectroscopy (FTIR). <i>Polymer</i> , 2018, 150, 64-71. | 3.8 | 11 |
| 20 | Viscoelastic and self-healing behavior of silica filled ionically modified poly(isobutylene-co-isoprene) rubber. <i>RSC Advances</i> , 2018, 8, 26793-26803. | 3.6 | 36 |
| 21 | Bubble rubbing on hydrophobic solid surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 555, 638-645. | 4.7 | 0 |
| 22 | High-performance elastomeric strain sensors based on nanostructured carbon fillers for potential tire applications. <i>Materials Today Communications</i> , 2018, 14, 240-248. | 1.9 | 24 |
| 23 | Compatibilization of poly(vinylidene fluoride)/natural rubber blend by poly(methyl methacrylate) modified natural rubber. <i>European Polymer Journal</i> , 2018, 107, 132-142. | 5.4 | 19 |
| 24 | Thermoplastic vulcanizates based on poly(vinylidene fluoride)/Epoxidized natural rubber blends: Effects of phenolic resin dosage and blend ratio. <i>Materials Chemistry and Physics</i> , 2018, 219, 222-232. | 4.0 | 14 |
| 25 | Temperature Scanning Stress Relaxation of an Autonomous Self-Healing Elastomer Containing Non-Covalent Reversible Network Junctions. <i>Polymers</i> , 2018, 10, 94. | 4.5 | 32 |
| 26 | TIME AND TEMPERATURE DEPENDENT PIEZORESISTIVE BEHAVIOR OF CONDUCTIVE ELASTOMERIC COMPOSITES. <i>Rubber Chemistry and Technology</i> , 2018, 91, 651-667. | 1.2 | 12 |
| 27 | Experimental analysis of the effect of carbon nanoparticles with different geometry on the appearance of anisotropy of mechanical properties in elastomeric composites. <i>Polymer Testing</i> , 2017, 59, 46-54. | 4.8 | 32 |
| 28 | Strong Strain Sensing Performance of Natural Rubber Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4860-4872. | 8.0 | 125 |
| 29 | Filler flocculation in polymers – a simplified model derived from thermodynamics and game theory. <i>Soft Matter</i> , 2017, 13, 3701-3709. | 2.7 | 28 |
| 30 | Triggering the Self-Healing Properties of Modified Bromobutyl Rubber by Intrinsically Electrical Heating. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600385. | 3.6 | 39 |
| 31 | Superposition approach to the dynamic-mechanical behaviour of reinforced rubbers. <i>Polymer</i> , 2017, 127, 129-140. | 3.8 | 14 |
| 32 | Visco-elastic-plastic properties of natural rubber filled with carbon black and layered clay nanoparticles. Experiment and simulation. <i>Polymer Testing</i> , 2017, 63, 133-140. | 4.8 | 9 |
| 33 | Rubber contact mechanics: adhesion, friction and leakage of seals. <i>Soft Matter</i> , 2017, 13, 9103-9121. | 2.7 | 47 |
| 34 | Dynamically cured poly(vinylidene fluoride)/epoxidized natural rubber blends filled with ferroelectric ceramic barium titanate. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 93, 107-116. | 7.6 | 19 |
| 35 | Self-healing properties of carbon nanotube filled natural rubber/bromobutyl rubber blends. <i>EXPRESS Polymer Letters</i> , 2017, 11, 230-242. | 2.1 | 55 |
| 36 | DEVELOPMENT OF HIGH PERFORMANCE RUBBER COMPOSITES FROM ALKOXIDE-BASED SILICA AND SOLUTION STYRENE-BUTADIENE RUBBER. <i>Rubber Chemistry and Technology</i> , 2017, 90, 467-486. | 1.2 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Temperature-Dependent Reinforcement of Hydrophilic Rubber Using Ice Crystals. ACS Omega, 2017, 2, 363-371. | 3.5 | 9 |
| 38 | Filler Wetting in Miscible ESR/SSBR Blends and Its Effect on Mechanical Properties. Macromolecular Materials and Engineering, 2016, 301, 414-422. | 3.6 | 8 |
| 39 | Improvement of mechanical performance of solution styrene butadiene rubber by controlling the concentration and the size of in situ derived sol-gel silica particles. RSC Advances, 2016, 6, 33643-33655. | 3.6 | 21 |
| 40 | Nanostructured Ionomeric Elastomers. Advances in Polymer Science, 2016, , 235-266. | 0.8 | 2 |
| 41 | Piezoresistive natural rubber-multiwall carbon nanotube nanocomposite for sensor applications. Sensors and Actuators A: Physical, 2016, 239, 102-113. | 4.1 | 109 |
| 42 | Selective wetting of carbon nanotubes in rubber compounds – Effect of the ionic liquid as dispersing and coupling agent. European Polymer Journal, 2016, 75, 13-24. | 5.4 | 31 |
| 43 | Fire-safe and environmentally friendly nanocomposites based on layered double hydroxides and ethylene propylene diene elastomer. RSC Advances, 2016, 6, 26425-26436. | 3.6 | 29 |
| 44 | Modeling of dynamic-mechanical behavior of reinforced elastomers using a multiscale approach. Polymer, 2016, 82, 356-365. | 3.8 | 23 |
| 45 | Effect of different ionic liquids on the dispersion and phase selective wetting of carbon nanotubes in rubber blends. Polymer, 2016, 105, 284-297. | 3.8 | 36 |
| 46 | Reactive Blending of Nitrile Butadiene Rubber and In situ Synthesized Thermoplastic Polyurethane-urea: Novel Preparation Method and Characterization. Macromolecular Materials and Engineering, 2015, 300, 242-250. | 3.6 | 5 |
| 47 | Formation and stability of carbon nanotube network in natural rubber: Effect of non-rubber components. Polymer, 2015, 73, 111-121. | 3.8 | 25 |
| 48 | Highly reinforced blends of nitrile butadiene rubber and in-situ synthesized polyurethane-urea. European Polymer Journal, 2015, 73, 75-87. | 5.4 | 8 |
| 49 | Construction of an Interconnected Nanostructured Carbon Black Network: Development of Highly Stretchable and Robust Elastomeric Conductors. Journal of Physical Chemistry C, 2015, 119, 21723-21731. | 3.1 | 68 |
| 50 | Ionic Modification Turns Commercial Rubber into a Self-Healing Material. ACS Applied Materials & Interfaces, 2015, 7, 20623-20630. | 8.0 | 244 |
| 51 | Expanded organoclay assisted dispersion and simultaneous structural alterations of multiwall carbon nanotube (MWCNT) clusters in natural rubber. Composites Science and Technology, 2015, 107, 36-43. | 7.8 | 45 |
| 52 | UNMODIFIED LDH AS REINFORCING FILLER FOR XNBR AND THE DEVELOPMENT OF FLAME-RETARDANT ELASTOMER COMPOSITES. Rubber Chemistry and Technology, 2014, 87, 606-616. | 1.2 | 10 |
| 53 | Stearate Modified Zinc-Aluminum Layered Double Hydroxides and Acrylonitrile Butadiene Rubber Nanocomposites. Polymer-Plastics Technology and Engineering, 2014, 53, 65-73. | 1.9 | 8 |
| 54 | Tribology of thin wetting films between bubble and moving solid surface. Advances in Colloid and Interface Science, 2014, 210, 39-46. | 14.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Advances in layered double hydroxide (LDH)-based elastomer composites. <i>Progress in Polymer Science</i> , 2014, 39, 594-626. | 24.7 | 213 |
| 56 | Effect of Non- <i>R</i> ubber Components of <i>NR</i> on the Carbon Nanotube (<i>CNT</i>) Localization in <i>SBR</i> / <i>NR</i> Blends. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 569-582. | 3.6 | 23 |
| 57 | Nano-scale morphological analysis of graphene-rubber composites using 3D transmission electron microscopy. <i>RSC Advances</i> , 2014, 4, 9300-9307. | 3.6 | 24 |
| 58 | Dispersion and distribution of carbon nanotubes in ternary rubber blends. <i>Composites Science and Technology</i> , 2014, 90, 180-186. | 7.8 | 53 |
| 59 | The role of linked phospholipids in the rubber-filler interaction in carbon nanotube (<i>CNT</i>) filled natural rubber (<i>NR</i>) composites. <i>Polymer</i> , 2014, 55, 4738-4747. | 3.8 | 60 |
| 60 | Evidence for an in Situ Developed Polymer Phase in Ionic Elastomers. <i>Macromolecules</i> , 2014, 47, 3436-3450. | 4.8 | 79 |
| 61 | Carbon nanotubes-filled thermoplastic polyurethane-urea and carboxylated acrylonitrile butadiene rubber blend nanocomposites. <i>Journal of Applied Polymer Science</i> , 2014, 131, . | 2.6 | 13 |
| 62 | Influence of expanded clay on the microstructure and fatigue crack growth behavior of carbon black filled <i>NR</i> composites. <i>Composites Science and Technology</i> , 2013, 76, 61-68. | 7.8 | 57 |
| 63 | Location of dispersing agent in rubber nanocomposites during mixing process. <i>Polymer</i> , 2013, 54, 7009-7021. | 3.8 | 18 |
| 64 | Reinforcement of Solution Styrene Butadiene Rubber by Silane Functionalized Halloysite Nanotubes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013, 50, 1091-1106. | 2.2 | 56 |
| 65 | Selective Wetting and Localization of Silica in Binary and Ternary Blends Based on Styrene Butadiene Rubber, Butadiene Rubber, and Natural Rubber. <i>Macromolecular Materials and Engineering</i> , 2013, 298, 1085-1099. | 3.6 | 17 |
| 66 | Non-monotonic dependence of the conductivity of carbon nanotube-filled elastomers subjected to uniaxial compression/decompression. <i>Journal of Applied Physics</i> , 2013, 113, . | 2.5 | 22 |
| 67 | Bubble rubbing on solid surface: Experimental study. <i>Journal of Colloid and Interface Science</i> , 2013, 412, 89-94. | 9.4 | 7 |
| 68 | Understanding the reinforcing behavior of expanded clay particles in natural rubber compounds. <i>Soft Matter</i> , 2013, 9, 3798. | 2.7 | 90 |
| 69 | ELASTOMER COMPOSITES BASED ON CARBON NANOTUBES AND IONIC LIQUID. <i>Rubber Chemistry and Technology</i> , 2013, 86, 367-400. | 1.2 | 40 |
| 70 | Pre-intercalation of long chain fatty acid in the interlayer space of layered silicates and preparation of montmorillonite/natural rubber nanocomposites. <i>Applied Clay Science</i> , 2012, 67-68, 50-56. | 5.2 | 34 |
| 71 | Rubber composites based on graphene nanoplatelets, expanded graphite, carbon nanotubes and their combination: A comparative study. <i>Composites Science and Technology</i> , 2012, 72, 1961-1967. | 7.8 | 167 |
| 72 | Carboxylated nitrile butadiene rubber/hybrid filler composites. <i>Materials Research</i> , 2012, 15, 671-678. | 1.3 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 73 | Highly Exfoliated Natural Rubber/Clay Composites by "Propping" Open Procedure: The Influence of Fatty Acid Chain Length on Exfoliation. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 369-383. | 3.6 | 36 |
| 74 | Silica Transfer in Ternary Rubber Blends: Calculation and Experimental Determination. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 464-473. | 3.6 | 12 |
| 75 | Influence of modified natural rubber and structure of carbon black on properties of natural rubber compounds. <i>Polymer Composites</i> , 2012, 33, 489-500. | 4.6 | 83 |
| 76 | Kinetics of filler wetting and dispersion in carbon nanotube/rubber composites. <i>Carbon</i> , 2012, 50, 4543-4556. | 10.3 | 42 |
| 77 | Enhanced thermal stability of polychloroprene rubber composites with ionic liquid modified MWCNTs. <i>Polymer Degradation and Stability</i> , 2012, 97, 776-785. | 5.8 | 58 |
| 78 | A Novel Thermotropic Elastomer based on Highly-filled LDH/SSB Composites. <i>Macromolecular Rapid Communications</i> , 2012, 33, 337-342. | 3.9 | 22 |
| 79 | Preparation and characterization of thermoplastic polyurethane-urea and carboxylated acrylonitrile butadiene rubber blend nanocomposites. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3635-3643. | 2.6 | 7 |
| 80 | Elastomer-carbon nanotube composites. , 2011, , 193-229. | | 4 |
| 81 | Impact of Filler Surface Modification on Large Scale Mechanics of Styrene Butadiene/Silica Rubber Composites. <i>Macromolecules</i> , 2011, 44, 4366-4381. | 4.8 | 318 |
| 82 | A general approach to rubber-montmorillonite nanocomposites: Intercalation of stearic acid. <i>Applied Clay Science</i> , 2011, 51, 117-125. | 5.2 | 55 |
| 83 | Wetting films on chemically patterned surfaces. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 663-667. | 9.4 | 12 |
| 84 | Reinforcement and migration of nanoclay in polychloroprene/ethylene-propylene-diene-monomer rubber blends. <i>Composites Science and Technology</i> , 2011, 71, 276-281. | 7.8 | 57 |
| 85 | Oberflächenenergetische Charakterisierung. <i>Vakuum in Forschung Und Praxis</i> , 2010, 22, 18-20. | 0.1 | 5 |
| 86 | Purification, surface modification of coal ash silica and its potential application in rubber composites. <i>Journal of Applied Polymer Science</i> , 2010, 117, NA-NA. | 2.6 | 6 |
| 87 | Contribution of physico-chemical properties of interfaces on dispersibility, adhesion and flocculation of filler particles in rubber. <i>Polymer</i> , 2010, 51, 1954-1963. | 3.8 | 150 |
| 88 | Jamming in Filled Polymer Systems. <i>Macromolecular Symposia</i> , 2010, 291-292, 193-201. | 0.7 | 26 |
| 89 | Routes to Rubber Nanocomposites. <i>Macromolecular Symposia</i> , 2010, 291-292, 95-105. | 0.7 | 6 |
| 90 | Rubber-Clay Nanocomposites: Some Recent Results. <i>Advances in Polymer Science</i> , 2010, , 85-166. | 0.8 | 55 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 91 | Influence of Layered Silicate on the Self-Crosslinking of Polychloroprene and Carboxylated Nitrile Rubber. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 189-199. | 2.2 | 7 |
| 92 | Advanced elastomer nano-composites based on CNT-hybrid filler systems. <i>Composites Science and Technology</i> , 2009, 69, 2135-2143. | 7.8 | 151 |
| 93 | Coupling activity of ionic liquids between diene elastomers and multi-walled carbon nanotubes. <i>Carbon</i> , 2009, 47, 3313-3321. | 10.3 | 130 |
| 94 | Effect of Vulcanization Ingredients on the Intercalation-Exfoliation Process of Layered Silicate in an Acrylonitrile Butadiene Rubber Matrix. <i>Macromolecular Materials and Engineering</i> , 2008, 293, 479-490. | 3.6 | 38 |
| 95 | Polymere Nanokomposite mit anorganischen Funktionsfüllstoffen. <i>Chemie-Ingenieur-Technik</i> , 2008, 80, 1683-1699. | 0.8 | 15 |
| 96 | Modified and unmodified multiwalled carbon nanotubes in high performance solution-styrene-butadiene and butadiene rubber blends. <i>Polymer</i> , 2008, 49, 5276-5283. | 3.8 | 273 |
| 97 | Processing and Properties of Nanocomposites Based on Layered Silicate and Carboxylated Nitrile Rubber. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 46, 7-15. | 2.2 | 16 |
| 98 | Nanoalloy Based on Clays: Intercalated-Exfoliated Layered Silicate in High Performance Elastomer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 45, 144-150. | 2.2 | 30 |
| 99 | Relaxation dynamics of carboxylated nitrile rubber filled with organomodified nanoclay. <i>EXPRESS Polymer Letters</i> , 2008, 2, 373-381. | 2.1 | 42 |
| 100 | Silica-Ethylene Propylene Diene Monomer Rubber Networking by In Situ Sol-Gel Method. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007, 45, 101-106. | 2.2 | 34 |
| 101 | Rubber curing chemistry governing the orientation of layered silicate. <i>EXPRESS Polymer Letters</i> , 2007, 1, 717-723. | 2.1 | 32 |
| 102 | Novel amphiphiles with preorganized functionalities formation of Langmuir-films and efficiency in mineral flotation. <i>Advances in Colloid and Interface Science</i> , 2005, 114-115, 291-302. | 14.7 | 10 |
| 103 | Equilibrium profile and rupture of wetting film on heterogeneous substrates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 261, 135-140. | 4.7 | 20 |
| 104 | Stability of TiO ₂ suspensions in reactors for degradation of toxic pollutants. , 2004, , 117-120. | | 0 |
| 105 | Rupture of Wetting Films Caused by Nanobubbles. <i>Langmuir</i> , 2004, 20, 164-168. | 3.5 | 106 |
| 106 | Stability and rupture of aqueous wetting films. <i>European Physical Journal E</i> , 2003, 12, 431-435. | 1.6 | 35 |
| 107 | Effect of deposition inhomogeneity on the Ohm resistance of thin electroless copper layers. <i>Journal of Materials Science</i> , 2003, 38, 2703-2707. | 3.7 | 4 |
| 108 | Metastable water films on hydrophobic silica surfaces. , 2001, , 11-16. | | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | The influence of acting forces on the rupture mechanism of wetting films " nucleation or capillary waves. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 192, 61-72. | 4.7 | 78 |
| 110 | First Experimental Proof of the Nonexistence of Long-Range Hydrophobic Attraction Forces in Thin Wetting Films. Chemical Engineering and Technology, 2001, 24, 624-628. | 1.5 | 6 |
| 111 | Erstmals experimenteller Nachweis für die Nichtexistenz langweitreichender hydrophober Anziehungskräfte in dünnen Benetzungsfilmen. Chemie-Ingenieur-Technik, 2000, 72, 1216-1220. | 0.8 | 2 |
| 112 | Disjoining Pressure and Surface Tension of a Small Drop. Langmuir, 2000, 16, 3502-3505. | 3.5 | 26 |
| 113 | Some new observations on line tension of microscopic droplets. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 156, 323-333. | 4.7 | 44 |
| 114 | Rupture of thin wetting films on hydrophobic surfaces. Part II: fatty acid Langmuir-Blodgett layers on glass surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 157, 11-20. | 4.7 | 9 |
| 115 | Rupture of thin wetting films on hydrophobic surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 157, 1-9. | 4.7 | 28 |
| 116 | Regular Stripe Patterns in Skeletonized Langmuir-Blodgett Films of Arachidic Acid. Langmuir, 1999, 15, 8220-8224. | 3.5 | 31 |
| 117 | Observations of the stability of wetting films on polymerized LB-layers of tricoso-2,4-dienoic acid. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 142, 275-279. | 4.7 | 3 |
| 118 | Investigation of Langmuir monofilms and flotation experiments with anionic/cationic collector mixtures. International Journal of Mineral Processing, 1998, 53, 135-144. | 2.6 | 46 |
| 119 | Experiments on convective in-plane orientation of monolayers. Makromolekulare Chemie Macromolecular Symposia, 1991, 46, 371-375. | 0.6 | 2 |