# Theodora M Mauro

List of Publications by Year
in descending order



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|---|---|---|---|
| 61 papers | 2,747 citations | 236912 25 h-index | 182417 51 g-index |
| 61 all docs | 61 docs citations | 61 times ranked | 3128 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ode to Salt: Commentary on â€œSkin Sodium Accumulates in Psoriasis and Reflects Disease Severityâ€• Journal of Investigative Dermatology, 2022, 142, 16-17. | 0.7 | 2 |
| 2 | Role of nitric oxide in regulating epidermal permeability barrier function. Experimental Dermatology, 2022, 31, 290-298. | 2.9 | 19 |
| 3 | Regulatory Role of Nitric Oxide in Cutaneous Inflammation. Inflammation, 2022, 45, 949-964. | 3.8 | 25 |
| 4 | Epidermal Basement Membrane Substitutes for Bioengineering of Human Epidermal Equivalents. JID Innovations, 2022, 2, 100083. | 2.4 | 4 |
| 5 | Classification of human chronic inflammatory skin disease based on single-cell immune profiling. Science Immunology, 2022, 7, eabl9165. | 11.9 | 53 |
| 6 | The link between cutaneous inflammation and cognitive impairment. Journal of the European Academy of Dermatology and Venereology, 2022, 36, 1705-1712. | 2.4 | 11 |
| 7 | Mutations in 3Î²â€hydroxysteroidâ€Î´8, Î7â€isomerase paradoxically benefit epidermal permeability barrier homeostasis in mice. Experimental Dermatology, 2021, 30, 384-389. | 2.9 | 1 |
| 8 | Perspective and Consensus Opinion: Good Practices for Using Organotypic Skin and Epidermal Equivalents in Experimental Dermatology Research. Journal of Investigative Dermatology, 2021, 141, 203-205. | 0.7 | 13 |
| 9 | CERKL is upregulated in cutaneous squamous cell carcinoma and maintains cellular sphingolipids and resistance to oxidative stress*. British Journal of Dermatology, 2021, 185, 147-152. | 1.5 | 5 |
| 10 | Decreased Calcium-Sensing Receptor Expression Controls Calcium Signaling and Cell-To-Cell Adhesion Defects in Aged Skin. Journal of Investigative Dermatology, 2021, 141, 2577-2586. | 0.7 | 15 |
| 11 | Unbound Corneocyte Lipid Envelopes in 12R-Lipoxygenase Deficiency Support a Specific Role in Lipid-Protein Cross-Linking. American Journal of Pathology, 2021, 191, 921-929. | 3.8 | 6 |
| 12 | Markers for Ca ++ â€induced terminal differentiation of keratinocytes in vitro under defined conditions. Experimental Dermatology, 2020, 29, 1238-1242. | 2.9 | 2 |
| 13 | Inducible nitric oxide synthase is required for epidermal permeability barrier homeostasis in mice. Experimental Dermatology, 2020, 29, 1027-1032. | 2.9 | 7 |
| 14 | Nanotopography Enhances Dynamic Remodeling of Tight Junction Proteins through Cytosolic Liquid Complexes. ACS Nano, 2020, 14, 13192-13202. | 14.6 | 11 |
| 15 | Ischemic Fasciitis Mimicking A Lipoma. Dermatologic Surgery, 2020, 46, 427-430. | 0.8 | 0 |
| 16 | Aging-associated alterations in epidermal function and their clinical significance. Aging, 2020, 12, 5551-5565. | 3.1 | 72 |
| 17 | CERKL is Upregulated in Cutaneous Squamous Cell Carcinoma and Maintains Cellular Sphingolipids and Resistance to Oxidative Stress. British Journal of Dermatology, 2020, , . | 1.5 | 1 |
| 18 | Induced pluripotent stem cell line heterozygous for p.R501X mutation in filaggrin: KCLi003-A. Stem Cell Research, 2019, 39, 101527. | 0.7 | 5 |

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|---|---|---|---|
| 19 | Botulinum toxin type A suppresses pro-fibrotic effects via the JNK signaling pathway in hypertrophic scar fibroblasts. Archives of Dermatological Research, 2019, 311, 807-814. | 1.9 | 26 |
| 20 | Induced pluripotent stem cell line heterozygous for p.R2447X mutation in filaggrin: KCLi002-A. Stem Cell Research, 2019, 38, 101462. | 0.7 | 3 |
| 21 | Topical applications of an emollient reduce circulating proâ€inflammatory cytokine levels in chronically aged humans: a pilot clinical study. Journal of the European Academy of Dermatology and Venereology, 2019, 33, 2197-2201. | 2.4 | 53 |
| 22 | A20 and ABIN1 Suppression of a Keratinocyte Inflammatory Program with a Shared Single-Cell Expression Signature in Diverse Human Rashes. Journal of Investigative Dermatology, 2019, 139, 1264-1273. | 0.7 | 16 |
| 23 | Mutations in Recessive Congenital Ichthyoses Illuminate the Origin and Functions of the CorneocyteÂLipid Envelope. Journal of Investigative Dermatology, 2019, 139, 760-768. | 0.7 | 41 |
| 24 | Calcium-Sensing Receptor Regulates EpidermalÂIntracellular Ca2+ Signaling and Re-Epithelialization after Wounding. Journal of Investigative Dermatology, 2019, 139, 919-929. | 0.7 | 48 |
| 25 | Transcriptional Programming of Normal and Inflamed Human Epidermis at Single-Cell Resolution. Cell Reports, 2018, 25, 871-883. | 6.4 | 206 |
| 26 | A data mining paradigm for identifying key factors in biological processes using gene expression data. Scientific Reports, 2018, 8, 9083. | 3.3 | 14 |
| 27 | Epidermal Dysfunction Leads to an Age-Associated Increase in Levels of SerumÂInflammatory Cytokines. Journal of Investigative Dermatology, 2017, 137, 1277-1285. | 0.7 | 84 |
| 28 | Warfarin-Associated Nonuremic Calciphylaxis. JAMA Dermatology, 2017, 153, 309. | 4.1 | 74 |
| 29 | Voriconazole exposure regulates distinct cell-cycle and terminal differentiation pathways in primary human keratinocytes. British Journal of Dermatology, 2017, 176, 816-820. | 1.5 | 6 |
| 30 | Induced Pluripotent Stem Cell Differentiation and Three-Dimensional Tissue Formation Attenuate Clonal Epigenetic Differences in Trichohyalin. Stem Cells and Development, 2016, 25, 1366-1375. | 2.1 | 10 |
| 31 | Endoplasmic Reticulum Calcium Regulates Epidermal Barrier Response and Desmosomal Structure. Journal of Investigative Dermatology, 2016, 136, 1840-1847. | 0.7 | 18 |
| 32 | Topical Hesperidin Enhances Epidermal Function in an Aged Murine Model. Journal of Investigative Dermatology, 2015, 135, 1184-1187. | 0.7 | 20 |
| 33 | Altered epidermal lipid processing and calcium distribution in the KID syndrome mouse model Cx26S17F. FEBS Letters, 2015, 589, 1904-1910. | 2.8 | 21 |
| 34 | Sphingosine kinase 1 activation enhances epidermal innate immunity through sphingosine-1-phosphate stimulation of cathelicidin production. Journal of Dermatological Science, 2015, 79, 229-234. | 1.9 | 20 |
| 35 | Sebaceous Gland, Hair Shaft, and Epidermal Barrier Abnormalities in Keratosis Pilaris with and without Filaggrin Deficiency. American Journal of Pathology, 2015, 185, 1012-1021. | 3.8 | 23 |
| 36 | Nanotopography Facilitatesin VivoTransdermal Delivery of High Molecular Weight Therapeutics through an Integrin-Dependent Mechanism. Nano Letters, 2015, 15, 2434-2441. | 9.1 | 35 |

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|---|---|---|---|
| 37 | Lowered Humidity Produces Human Epidermal Equivalents with Enhanced Barrier Properties. Tissue Engineering - Part C: Methods, 2015, 21, 15-22. | 2.1 | 26 |
| 38 | Calcium, Orai1, and Epidermal Proliferation. Journal of Investigative Dermatology, 2014, 134, 1506-1508. | 0.7 | 9 |
| 39 | sPLA2 and the epidermal barrier. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 416-421. | 2.4 | 36 |
| 40 | 3D InÂVitro Model of a Functional Epidermal Permeability Barrier from Human Embryonic Stem Cells and Induced Pluripotent Stem Cells. Stem Cell Reports, 2014, 2, 675-689. | 4.8 | 97 |
| 41 | Endoplasmic Reticulum Calcium, Stress, and Cell-to-Cell Adhesion. Journal of Investigative Dermatology, 2014, 134, 1800-1801. | 0.7 | 7 |
| 42 | Basis for Enhanced Barrier Function of Pigmented Skin. Journal of Investigative Dermatology, 2014, 134, 2399-2407. | 0.7 | 51 |
| 43 | SERCA2-Controlled Ca2+-Dependent Keratinocyte Adhesion and Differentiation Is Mediated via the Sphingolipid Pathway: A Therapeutic Target for Darier's Disease. Journal of Investigative Dermatology, 2012, 132, 1188-1195. | 0.7 | 38 |
| 44 | Endoplasmic reticulum Ca2+ depletion activates XBP1 and controls terminal differentiation in keratinocytes and epidermis. British Journal of Dermatology, 2011, 164, 16-25. | 1.5 | 57 |
| 45 | Major translocation of calcium upon epidermal barrier insult: imaging and quantification via FLIM/Fourier vector analysis. Archives of Dermatological Research, 2011, 303, 103-115. | 1.9 | 24 |
| 46 | Akt2 and SGK3 are both determinants of postnatal hair follicle development. FASEB Journal, 2009, 23, 3193-3202. | 0.5 | 20 |
| 47 | Focal Adhesion Kinase Controls pH-Dependent Epidermal Barrier Homeostasis by Regulating Actin-Directed Na+/H+ Exchanger 1 Plasma Membrane Localization. American Journal of Pathology, 2007, 170, 2055-2067. | 3.8 | 24 |
| 48 | CaR Talk: The Calcium Receptor Finds New Places to Park. Journal of Investigative Dermatology, 2007, 127, 991-992. | 0.7 | 4 |
| 49 | Stratum Corneum Acidification Is Impaired in Moderately Aged Human and Murine Skin. Journal of Investigative Dermatology, 2007, 127, 2847-2856. | 0.7 | 176 |
| 50 | Serine Protease Activity and Residual LEKTI Expression Determine Phenotype in Netherton Syndrome. Journal of Investigative Dermatology, 2006, 126, 1609-1621. | 0.7 | 163 |
| 51 | Analysis: Blood Glucose Monitoring: Making the Possible Practical. Diabetes Technology and Therapeutics, 2004, 6, 368-369. | 4.4 | 0 |
| 52 | Epidermal expression of the full-length extracellular calcium-sensing receptor is required for normal keratinocyte differentiation. Journal of Cellular Physiology, 2002, 192, 45-54. | 4.1 | 65 |
| 53 | Mutations in ATP2C1, encoding a calcium pump, cause Hailey-Hailey disease. Nature Genetics, 2000, 24, 61-65. | 21.4 | 498 |
| 54 | Formation of the Epidermal Calcium Gradient Coincides with Key Milestones of Barrier Ontogenesis in the Rodent. Journal of Investigative Dermatology, 1998, 110, 399-404. | 0.7 | 83 |

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|---|---|---|---|
| 55 | Acute Barrier Perturbation Abolishes the Ca2+ and K+ Gradients in Murine Epidermis: Quantitative Measurement Using PIXE. Journal of Investigative Dermatology, 1998, 111, 1198-1201. | 0.7 | 155 |
| 56 | Alternatively spliced forms of the cGMP-gated channel in human keratinocytes. FEBS Letters, 1997, 414, 140-145. | 2.8 | 19 |
| 57 | Calcium and potassium inhibit barrier recovery after disruption, independent of the type of insult in hairless mice. Experimental Dermatology, 1997, 6, 36-40. | 2.9 | 43 |
| 58 | A Role for Ions in Barrier Recovery After Acute Perturbation. Journal of Investigative Dermatology, 1994, 102, 976-979. | 0.7 | 77 |
| 59 | Ion channels are linked to differentiation in keratinocytes. Journal of Membrane Biology, 1993, 132, 201-9. | 2.1 | 57 |
| 60 | MAL DE MELEDA IN A LAOTIAN FAMILY. International Journal of Dermatology, 1993, 32, 602-604. | 1.0 | 9 |
| 61 | Extracellular calcium affects the membrane currents of cultured human keratinocytes. Journal of Cellular Physiology, 1990, 143, 13-20. | 4.1 | 39 |