# Jeffrey M Yau

List of Publications by Year
in descending order



| 25 | 856 | 687363 | 642732 |
|---|---|---|---|
| papers | citations | 13 h-index | 23 g-index |

| 31 | 31 | 31 | 830 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Temporal Frequency Channels Are Linked across Audition and Touch. Current Biology, 2009, 19, 561-566. | 3.9 | 151 |
| 2 | Vibrotactile intensity and frequency information in the Pacinian system: A psychophysical model. Perception & Psychophysics, 2005, 67, 828-841. | 2.3 | 114 |
| 3 | Analogous intermediate shape coding in vision and touch. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16457-16462. | 7.1 | 74 |
| 4 | Feeling form: the neural basis of haptic shape perception. Journal of Neurophysiology, 2016, 115, 631-642. | 1.8 | 66 |
| 5 | Curvature Processing Dynamics in Macaque Area V4. Cerebral Cortex, 2013, 23, 198-209. | 2.9 | 56 |
| 6 | Representation of tactile curvature in macaque somatosensory area 2. Journal of Neurophysiology, 2013, 109, 2999-3012. | 1.8 | 46 |
| 7 | Dissecting neural circuits for multisensory integration and crossmodal processing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140203. | 4.0 | 46 |
| 8 | Separate Mechanisms for Audio-Tactile Pitch and Loudness Interactions. Frontiers in Psychology, 2010, 1, 160. | 2.1 | 42 |
| 9 | Auditory Frequency Representations in Human Somatosensory Cortex. Cerebral Cortex, 2018, 28, 3908-3921. | 2.9 | 40 |
| 10 | Auditory adaptation improves tactile frequency perception. Journal of Neurophysiology, 2017, 117, 1352-1362. | 1.8 | 34 |
| 11 | Selective Attention Gates the Interactive Crossmodal Coupling between Perceptual Systems. Current Biology, 2018, 28, 746-752.e5. | 3.9 | 32 |
| 12 | Textural timbre. Communicative and Integrative Biology, 2009, 2, 344-346. | 1.4 | 30 |
| 13 | Somatosensory interactions reveal feature-dependent computations. Journal of Neurophysiology, 2019, 122, 5-21. | 1.8 | 20 |
| 14 | Feeling Better. Psychological Science, 2014, 25, 555-565. | 3.3 | 16 |
| 15 | Auditory and tactile frequency representations are co-embedded in modality-defined cortical sensory systems. NeuroImage, 2020, 215, 116837. | 4.2 | 15 |
| 16 | Reciprocal Interactions Between Audition and Touch in Flutter Frequency Perception. Multisensory Research, 2019, 32, 67-85. | 1.1 | 13 |
| 17 | Efficient and robust identification of cortical targets in concurrent TMSâ€“fMRI experiments. NeuroImage, 2013, 76, 134-144. | 4.2 | 12 |
| 18 | Static Field Influences on Transcranial Magnetic Stimulation: Considerations for TMS in the Scanner Environment. Brain Stimulation, 2014, 7, 388-393. | 1.6 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Multisensory perceptual interactions between higher-order temporal frequency signals.. Journal of Experimental Psychology: General, 2019, 148, 1124-1137. | 2.1 | 10 |
| 20 | EPI distortion correction for concurrent human brain stimulation and imaging at 3T. Journal of Neuroscience Methods, 2019, 327, 108400. | 2.5 | 7 |
| 21 | Principles of tactile search over the body. Journal of Neurophysiology, 2020, 123, 1955-1968. | 1.8 | 6 |
| 22 | Touch engages visual spatial contextual processing. Scientific Reports, 2018, 8, 16637. | 3.3 | 4 |
| 23 | Evaluating the Effect of Stimulus Duration on Vibrotactile Cue Localizability With a Tactile Sleeve. IEEE Transactions on Haptics, 2021, 14, 328-334. | 2.7 | 4 |
| 24 | Vision automatically exerts online and offline influences on bimanual tactile spatial perception. Journal of Mathematical Psychology, 2021, 100, 102480. | 1.8 | 1 |
| 25 | Cortical representations of phantom movements in lower limb amputees. European Journal of Neuroscience, 2021, 53, 3160-3174. | 2.6 | 1 |